# SAMPLE PAPER <br> 2023-24 <br> Class: XI <br> INFORMATICS PRACTICES (065) 

TIME: 3 HOURS
M.M. 70

General Instructions:

1. This question paper contains five sections, Section A to E.
2. All questions are compulsory.
3. Section $A$ has 18 questions carrying 01 mark each.
4. Section B has 07 Very Short Answer type questions carrying 02 marks each.
5. Section C has 05 Short Answer type questions carrying 03 marks each.
6. Section D has 03 Long Answer type questions carrying 05 marks each.
7. Section E has 02 questions carrying 04 marks each.
8. All programming questions are to be answered using Python Language only.

## SECTION A

1. Properly arranged data is called
a) Field
b) Words
c) File
d) Information
2. To produce high quality graphics (hardcopy) in color, you would want to use $\mathrm{a} / \mathrm{n}$
a) RGB monitor
b) Plotter
c) Ink-jet printer
d) Laser printer
3. A byte consists of
a) One bit
b) Four bits
c) Eight bits
d) Sixteen bits
4. The two kinds of main memory are:
a) Primary and secondary
b) Random and sequential
c) ROM and RAM
d) All of above
5. SELECT statement can be used to perform these functions.
A. Insert rows into a table.
B. Choose and display columns from a table.
C. Modify data in a table.
D. Select and display structure of a table
6. Which SQL keyword(s) is/are used to sort the rows in the output:
A. SORTED ORDER
B. SORT
C. SORT BY
D. ORDER BY
7. How can you insert a new row into the "Store" table?
A. INSERT (1,'Abc Rice') INTO Store;
B. INSERT VALUES (1,'Abc Rice') INTO Store ;
C. INSERT INTO Store VALUES (1,'Abc Rice');
D. ADD ROW Store values(1,'Abc Rice');
8. Which statement is used to extract data from a table?
A. SELECT
B. DISPLAY
C. READ
D. EXTRACT
9. Which statement is used to modify data in a table?
A. CHANGE
B. MODIFY
C. UPDATE
D. SAVE AS
10. Which SQL statement is used to delete data from a table?
A. DELETE
B. DROP
C. TRUNCATE
D. REMOVE
11. How do you select all the rows from a table named "Student" where the value of the column "FName"
starts with "G"?
A. SELECT * FROM Student WHERE FName LIKE 'G_';
B. SELECT * FROM Student WHERE FName='G';
C. SELECT * FROM Student WHERE FName LIKE 'G\%';
D. SELECT * WHERE Student WHERE FName='\%G\%';
12. How can you insert a new row into the "Store" table?
A. INSERT (1,'Abc Rice') INTO Store;
B. INSERT VALUES (1,'Abc Rice') INTO Store ;
C. INSERT INTO Store VALUES (1,'Abc Rice');
D. ADD ROW Store values(1,'Abc Rice');
13. Which is not one of the features of IoT devices?
a) Remotely controllable
b) Programmable
c) Can turn themselves off if necessary
d) All of the above
14. Which of the following are valid column names?
A. Marks Eng
B. 66_Marks
C. Marks_Eng
D. \#Eng_Marks
15. Which of the following statements will make a statement to execute repeatedly?
a) if
b) if - else
c) for
d) break
16. What is the output when we execute list("hello")?
a. ['h', 'e', 'I', 'I', 'o']
b. ['hello']
c. ['llo']
d. ['olleh']
17. A list contains heterogeneous values. (T/F)
18. What is the output?
d = \{"john":40, "peter":45\}
d["john"]
a) 40
b) 45
c) "john"
d) "peter"

## SECTION B

19. Explain briefly any two input devices?
20. How are your digital activities contributing to generate Big data?
21. . What are your ideas of transforming your city into a smart city?
22. What is the difference between 'BETWEEN' and 'NOT BETWEEN' Clauses? Explain with examples.
23. Explain Order by command with the help of an example.
24. Write the corresponding Python assignment statements:
a) Assign 10 to variable length and 20 to variable breadth.
b) Assign the sum of variables length and breadth to a variable sum.
25. Give the output of the variable num1 from the following expression
when num $1=4$, num $2=3$, num $3=2$
a) num1 += num $2+$ num 3
b) num1 $=2+9 *((3 * 12)-8) / 10$

## SECTION C

26. 

Write SQL query to create a table 'Song' with the following structure.

| Field | Type | Constraint |
| :--- | :--- | :--- |
| Songid | Integer | Primary Key |
| Title | Varchar(30) |  |
| Duration | Integer |  |
| Release_Date | Date |  |

ii)Insert a record in the above table.
27. Consider the table Loan_Accounts and answer the questions:
(a) Write a command to create a database named Loans and open the database.
(b) Create a table Loan_Accounts with the above mentioned details.

Table: Loan_Accounts

| AccNo | Cust_Name | Loan_Amount | Instalments | Int_Rate | Start_Date | Interest |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 1 | R.K. Gupta | 300000 | 36 | 12.00 | $19-07-2009$ |  |
| 2 | S.P. Sharma | 500000 | 48 | 10.00 | $22-03-2008$ |  |
| 3 | K.P. Jain | 300000 | 36 | NULL | $08-03-2007$ |  |
| 4 | M.P. Yadav | 800000 | 60 | 10.00 | $06-12-2008$ |  |
| 5 | S.P. Sinha | 200000 | 36 | 12.50 | $03-01-2010$ |  |
| 6 | P. Sharma | 700000 | 60 | 12.50 | $05-06-2008$ |  |
| 7 | K.S. Dhall | 500000 | 48 | NULL | $05-03-2008$ |  |
|  |  |  |  |  |  |  |

28. Write any 4 things that are displayed when you display the structure of a table using DESCRIBE statement. Mention the command to open database 'SCHOOL'.
29. Explain the following operators with an example for each?
(i) Arithmetic Operators (ii) Relational Operators (iii) Logical Operators
30. Write a program to find the factorial of a given number.

Output:
Enter any no : 3
Factorial : 6

## SECTION D

31. Consider the table Loan_Accounts (AS given in Q27)
(a) Write the insert commands for the first record of the Loan_Accounts table.
(b) Name the primary key and alternate key of the table Loan_Accounts.
(c) Write the following commands on the basis of Loan_Accounts:
(i) Write a query to display Customer name from Loan_Accounts table in descending order of their name.
(ii) Write a query to display the records having no interest rate.
(iii) Write a query to display name and instalments of the customers whose names are ending with 'a' alphabet.
32. a) What are Proprietary softwares ? Name any two proprietary softwares.
33. b) Differentiate between interpreter and compiler.
34. Write a program in Python to calculate average marks of ' $n$ ' students Where n is entered by the user using list.

## SECTION E

34. 

Table Name : GYM

| PrCode | PrName | UnitPrice | Manufacturer |
| :--- | :--- | :--- | :--- |
| P101 | Cross Trainer | 25000 | AvonFitness |
| P102 | TreadMill | 32000 | AGFitline |
| P103 | Massage Chair | 20000 | Fit Express |
| P104 | Vibration Trainer | 22000 | AvonFitness |
| P105 | Bike | 13000 | Fit Express |

Write the SQL statements to do the following:
i) Display the names of all the products with unit price less than Rs. 20000 .
ii) Display details of all the products with unit price in the range 20000 to 30000 .
iii) Change the Unit Price data of all the rows by applying a $15 \%$ discount reduction on all the products.
iv) Display details of all products with manufacturer name starting with "A".
35. Write a program to take in the roll number, name and percentage of marks for $n$ students of Class XI and do the following:
I) Accept details of the n students ( n is the number of students).
II) Search details of a particular student on the basis of roll number and display result.
III) Display the result of all the students.
IV) Find the topper amongst them.

General Instructions:
The question paper consists of 5 sections namely and 37 Questions
Section - A consists of $\mathbf{1 8}$ questions ( $\mathbf{Q 1}$ - Q18) Each question is a Multiple-Choice Question (M.C.Q.) of $\mathbf{1}$ mark each.
Section - B consists of $\mathbf{6}$ questions ( $\mathbf{Q 1 9}$ - $\mathbf{Q 2 4}$ ). Each question is of $\mathbf{2}$ marks and must be answered in about 40-60 words. Attempt any 5.

Section - C consists of $\mathbf{6}$ questions ( $\mathbf{Q 2 5} \mathbf{-} \mathbf{Q 3 0}$ ). Each question is of $\mathbf{3}$ marks and must be answered in about 80-100 words. Attempt any 5.
Section - D consists of $\mathbf{3}$ questions (Q31 - Q33). Each question is of $\mathbf{4}$ marks and must be answered in about 100-150 words.

Section - E consists of $\mathbf{4}$ questions ( Q34 - Q37). Each question is of $\mathbf{5}$ marks and must be answered in about 200-300 words. Attempt any 3.

## SECTION - A

1
What is the aim of Physical Education?
(a) Physical Development
(b) Mental Development
(c) Social Development
(d) Wholesome Development

Which of the following is not an Olympic Value?
(a) Prosperity
(b) Excellence
(c) Friendship
(d) Respect

3 Identify the Shat Karma in the picture given below.

(a) Neti
(b) Dhauti
(c) Kapabhati
(d) Trataka

4
Which are the two types of disabilities?
(a) Mental \& Cognitive
(b) Physical \& Mental
(c ) Physiological \& Emotional
(d) Emotional \& Physical

BMI is the ratio between weight and $\qquad$ .
(a) height
(b) age
(c) pulse rate
(d) waist measurement

6 Which of the following are professionals involved with 'Children with Special Needs'.
(i) Physical Educationist
(ii) Special Educator
(iii) Speech Therapist
(iv) Physiotherapist

Options:
(a) only (i) (ii) \& (iii)
(b) only (ii), (iii) \& (iv)
(c ) only (i), (ii) \& (iv)
(d) (i), (ii), (iii) \& (iv)

7
Identify the type of Joint.

(a) Ball \& Socket Joint
(b) Hinge Joint
(c ) Saddle Joint
(d) Pivot Joint
$\qquad$ an instrument or activity used to accumulate data on a person's ability to perform a task.
(a) Measurement
(b) Test
(c) Evaluation
(d) None of these

What does WADA stand for?
(a) World Anti-doping Association
(b) World Anti-drugs Association
(c) World Anti-doping Agency
(d) World Anti-drug Agency

Trataka is used to improve which body part?
(a) Brain
(b) Eyes
(c) Heart
(d) Lungs

Muscles under voluntary control are called as $\qquad$ muscles.
(a) Smooth
(b) Cardiac
(c ) Skeletal
(d) None of these

Pranayam refers to:
(a) Posture
(b) Concentration
(c ) Breath control
(d) State of Meditation

There are two statements marked as Assertion (A) and Reason (R). Read the statements and choose the appropriate option from the options given below:

Assertion (A): Arteries are the vessels that carry oxygenated blood away from the heart.

Reason (R): Human Heart has four chambers
(a) Both (A) and (R) are true and (R) is the correct explanation of (A)
(b) Both (A) and (R) are true but (R) is NOT the correct explanation of (A)
(c) (A) is true, but (R) is false
(d) (A) is false, but (R) is true

Match the following:

List I
List II
(A) Flexibility
(i) 50 metrr dash.
(B) Cardiovascular Endurance
(ii) Push up Test
(C) Strength
(iii) Harvard Step Test
(D) Speed
(iv) Sit and Reach Test

Options:
(a) (A)-(iii), (B)-(iv), (C )-(i), (D)-(ii)
(b) (A)-(i), (B)-(ii), (C )-(iii), (D)-(iv)
(c ) (A)-(ii), (B)-(iii), (C )-(i), (D)-(iv)
(d) (A)-(iv), (B)-(iii), (C )-(ii), (D)-(i)
$\qquad$ was introduced to revive the sporting culture in India at the grassroots level.
(a) Khelo India Programme
(b) Fit India Programme
(c ) Indian Olympic Association
(d) Indian Youth Sports

## SECTION - B

19 Explain Sports Training.

Give two importance of psychology in sports

21 Define Anatomy \& Exercise Physiology

22 Define Kinesiology \& Biomechanics.

23 Define Measurement and Evaluation in Physical Education.

24 Define traditional Sports? Give two examples.

## SECTION - C

25 What are the different career options in Physical Education?

26 Explain the different Olympic Symbols.

27 What is the meaning of Yoga? Explain about any two importance of Yoga.

28 What is Adaptive Physical Education? Explain any two objectives of Adaptive Physical Education.

Explain management of any three adolescent problems?

Explain about the different planes and axis and its application in movements.

## SECTION - D

Explain any four causes of disability.

Explain any four parts of Ashtanga Yoga.

## SECTION - E

Explain any five importance of Test, Measurement and Evaluation

What is Physical Education? Explain any four objectives of Physical Education.

Explain any five principles of Sports Training.

Explain the function and structure of Respiratory System.

# St. Michael's Sr. Sec. School <br> Sample Paper <br> Class XI <br> Mathematics (2023-24) 

## Max. Marks: 80

Max Time: $\mathbf{3}$ hours

## GENERAL INSTRUCTIONS:

- This question paper consists of five sections A, B, C, D, and E. Each section is compulsory.
- Section A has 20 of 1 mark each.
- Section B has 5 Very short answer type questions of 2 marks each.
- Section C has 6 Short answer type questions of 3 marks each.
- Section D has 4 Long answer type questions of 5 marks each.
- Section E has 3 Cased Based questions of 4 marks each with sub-parts.


## SECTION A

Q1) Write the set $\{3,6,9,12, \ldots .$.$\} in the set builder form:$
(a) $\{x: x=3 n, n \in N\}$
(b) $\{x: x=n+3, n \in N\}$
(c) $\{x: x=n+2, n \in N\}$
(d) $\{x: x=3 n+2, n \in N\}$

Q2) If $\operatorname{Sin} \theta+\operatorname{Cosec} \theta=2$ then the value of $\operatorname{Sin}^{2} \theta+\operatorname{Cosec}^{2} \theta$ is:
a) 0
b) 2
c) -2
d) 1

Q3) Find the conjugate of $i^{7}$
a) 1
b) 1
c) -I
d) 0

Q4) Solve for $x: 5 x-3<7$; when $x$ is a real number.
a) $(-\infty, 2)$
b) $(-\infty,-2)$
c) $(-\infty, 0)$
d) $(2, \infty)$

Q5) Evaluate $\lim _{x \rightarrow 1} \frac{x^{15}-1}{x^{10}-1}$.
a) $3 / 2$
b) $1 / 2$
c) 0
d) 1

Q6) Evaluate: $\lim _{x \rightarrow 0} \frac{1-\cos x}{\sin x}$
a) -1
b) 0
c) $1 / 2$
d) 1

Q7) Find the arithmetic mean between 14 and -6 .
a) 4
b) 8
c) 10
d) 1

Q8) The value of $\frac{1+2 i+3 i^{2}}{1-2 i+3 i^{2}}$ is
a) -1
b) 0
c) 1
d) 1

Q9) In how many ways can a committee of 5 members be selected from 6 men and 5 ladies, consisting of 3 men and 2 ladies.
a) 120
b) 30
c) 6
d) 180

Q10) The equation of a circle with the centre $(-3,-2)$ and radius 6 .
a) $(x-3)^{2}+(y+2)^{2}=36$
b) $(x+3)^{2}+(y+2)^{2}=36$
c) $(x+3)^{2}+(y-2)^{2}=36$
d) $(x-3)^{2}+(y-2)^{2}=36$

Q11) Is the given relation a function: $\mathbf{R}=\{(4,6),(3,9),(-11,6),(3,11)\}$.
a) Yes
b) No
c) can't be predicted
d) None of these

Q12) The value of $k$ so that the line $2 x+k y-9=0$ is perpendicular to the line $3 y+2 x-1=0$.
a) $3 / 4$
b) $-3 / 4$
c) $\mathrm{k}=-4 / 3$
d) $k=4 / 3$

Q13) The Octant where the point ( $1,-3,-4$ ) lies is:
a) IV
b) VIII
c) II
d) VI

Q14) If the mean of the following data is 20.6 , then the value of $p$ is $\begin{array}{llllll}x_{i} & 10 & 15 & p & 25 & 35 \\ f_{i} & 3 & 10 & 25 & 7 & 5\end{array}$
a) $\mathrm{p}=120$
b) $p=140$
c) $p=40$
d) $p=20$

Q15) The range of the data $9,8,12,80,75,45,36,72$ is:
a) 9
b) 80
c) 72
d) 75

Q16) If $\left(\frac{x}{3}+1, y-\frac{2}{3}\right)=\left(\frac{2}{3}, \frac{2}{3}\right)$ then the value of $\mathrm{x} \& \mathrm{y}$ is:
a) $x=-1 \& y=-4 / 3$
b) $x=1 \& y=4 / 3$
c) $x=-1 \& y=4 / 3$
d) $x=1 \& y=-4 / 3$

Q17) The number of terms in the expansion of $\left(a^{2}-2 a b+b^{2}\right)^{10}$ is:
a) 21
b) 11
c) 20
d) 10

Q18) If ${ }^{15} \mathrm{P}_{\mathrm{r}}=2730$ then the value of r is:
a) 3
b) 2
c) 13
d) 6

Q19) The eccentricity of the hyperbola $9 y^{2}-4 x^{2}=36$ is:
a) $\frac{2}{3}$
b) $\frac{13}{2}$
c) $\frac{3}{2}$
d) $\frac{\sqrt{13}}{2}$

Q20) If $\tan \theta=1 / 2$ and $\tan \phi=1 / 3$ then the value of $\theta+\phi$ is:
a) $\pi / 3$
b) $\pi / 2$
c) $\pi / 6$
d) $\pi / 4$

## SECTION B

Q21) Compute the derivative of : (i) $f(x)=\operatorname{Sin} 2 x$ (ii) $g(x)=\cot x$
Q22) Write the equation of the line passing through the points $(1,-1)$ and $(3,5)$.

Q23) The sum of three numbers in G.P. is 56 . If we subtract $1,7,21$ from these numbers in that order, we
obtain an arithmetic progression. Find the numbers.
Q24) One card is drawn at random from a well shuffled pack of 52cards. If each outcome is equally likely, calculate that the probability that the card will be a king of red colour.

Q25) Find the co-ordinates of the third vertex of the triangle whose centroid is at origin and two vertices are $(2,4,6) \&(0,-2,-5)$ ?

## SECTION C

Q26) Using first principle, find the derivative of $f(x)=x \sin x$ with respect to $x$.
Q27) Find the equation of a line perpendicular to the line $x-2 y+3=0$ and passing through the point (1,-2).

Q28) Let $X=\{2,3,4,5\}$ and $Y=\{7,9,11,13,15,17\}$.Define a relation $f$ from $X$ to $Y$ by $\mathrm{f}=\{(\mathrm{x}, \mathrm{y}): \mathrm{x} \in \mathrm{X} \& \mathrm{y} \in \mathrm{Y}$ and $\mathrm{y}=2 \mathrm{x}+3\}$.
(i) Write $f$ in roaster form
(ii) Find domain and range of $f$

Q29) If $\mathrm{x}+\mathrm{i} \mathrm{y}=\frac{a+i b}{a-i b}$ then prove that $\mathrm{x}^{2}+\mathrm{y}^{2}=1$.
Q30) How many six digit numbers can be formed with the digits $0,1,3,5,7,9$ which are divisible by 10 and no digit is repeated.

Q31) Solve the Inequality: $\frac{5 x+1}{3}-(3 x+4) \leq 4 x+7$

## SECTION D

Q32) Out of 25 members in a family 12 like tea, 15 like coffee and 7 like coffee and tea both. How many like:
(i) At least one of the 2 drinks?
(ii) Only tea but not coffee?
(iii) Only coffee but not tea?
(iv) Neither tea nor coffee?

Q33) Find $\sin \frac{x}{2}, \cos \frac{x}{2} \& \tan \frac{x}{2}$ if $\tan x=\frac{-4}{3}$ and x lies in the $2^{\text {nd }}$ quadrant.

Q34) Using Binomial Theorem, prove that $6^{n}-5 n-1$ is divisible by 25 for every $n \varepsilon N$.
Q35) Find the mean deviation about mean of the set of first $n$ natural numbers when n is even natural number

## SECTION E

## CASE STUDY 1

Q36) The letters of the word ASSASSINATION are arranged at random. Based on this answer the following questions:
(a) Find the Probability that Four S's come consecutively in the word.
(b) Find the Probability that Two I's and two N's come together.
(c) Find the Probability that All A's are not coming together.
(d) Find the Probability that No two A's are coming together.

## CASE STUDY 2

Q37) The number of bacteria in a certain culture doubles every hour. There were 30 bacteria present in the culture originally. Based on this answer the following questions:
a)How many bacteria will be present at the end of 2 nd hour?
b)How many bacteria will be present at the end of 4th hour?
c) How many bacteria will be present at the end of nth hour?
d) The number of bacteria after every hour will form an A.P. or G.P. Justify.

## CASE STUDY 3

Rahul is playing with a long string; he hangs the ends of the string at two points on the wall. Now, it is in the form of parabola with its vertical axis and is 10 m high and 5 m wide at its base as shown in the following figure:

(i) Find the value of ' $a$ ' in the standard equation.
a) $32 / 5$
b) $5 / 32$
c) $5 / 2$
d) $2 / 5$
(ii) What is a particular equation of parabola?
a) $x^{2}=5 y$
b) $x^{2}=8 y$
c) $x^{2}=5 / 8 y$
d) $x^{2}=y$

# SAMPLE PAPER <br> ACCOUNTANCY 11 <br> SESSION 2023-24 

TIME 3HRS
MM 80
GENERAL INSTRUCTIONS:
Question Paper is divided into two parts.
All parts of a question should be attempted at one place

## PART-A (Financial Accounting - I)

Q1. 'Business units last indefinitely'. Identify the concept on which the statement is based. 1
Q2. If a firm believes that some of its debtors may "default". It should act on this by making sure that all possible losses are recorded in the books. This is an example of the $\qquad$ Convention. 1
Q3. Source Document is an evidence of a transaction or an event. Recording of a transaction is based on source documents. Give any two names of such source documents.

1
Q4. Jai \& Veeru running a manufacturing firm, it's total assets are Rs.18,00,000 and External Liabilities are Rs. $7,00,000$. Find out the capital of the firm.
Q5. What do you mean by Posting? 1
Q6. Which is the last step of accounting as a process of information?
(a) Recording the transaction
(b) Preparation of financial statements
(c) Communication of information
(d) Analysis and Interpretation of information

Q7. Which of the following limitations of accounting states that accounts may be manipulated to conceal vital facts:
(a) Accounting is not fully exact
(b) Accounting may lead to window dressing
(c) Accounting ignores price level changes
(d) Accounting ignores qualitative elements

Q8. What do you mean by Suspense account?
Q9. Assertion (A) compound Journal entry is complex a compare to simple Journal entry.
Reason (R) it involves multiple account having more than one credit and debit entries.
a. Both $A$ \& $R$ true and $R$ is correct explanation of $A$
b. Both $A \& R$ true but $R$ is not correct explanation of $A$
c. A is true but $R$ is false
d. $A$ is false but $R$ is true.

Q10. Kumar has withdrawn Rs. 40,000 for his personal use out of his capital. The correct entry for this transaction will be:
(a) Drawings A/c Dr. To Cash A/c
(b) Drawings A/c Dr. To Capital A/c
(c) Capital A/c Dr. To Cash A/c
(d) Capital A/c Dr. To Drawings A/c.

Q11. Which one is not the cause of depreciation?
(a) Efflux of time
(b) Price fluctuation
(c) Obsolescence (d) Natural wear and tear.

## Q12. Journalise the following transactions:

1) Mr. X owed us Rs. 35,000 , became insolvent and paid 30 paise in a rupee as full and finalcompensation.
2) Paid to Sita, ₹ 96,500 in full settlement of her dues of $₹ 1,00,000$
3) Outstanding rent at the end of the year, ₹ 2,000
4) Paid custom duty Rs. 11,000 on import of a new machinery

Q13. What are the objective of trial balance?
Q14. Following transactions are of M/s. Kumar \& Sons for the month of April, 2020. Prepare theirPurchase Book:

April $9 \quad$ Purchase on credit from $\mathrm{M} / \mathrm{s}$.
Mehta Mills:200 pieces long
cloth @ Rs. 80
50 pieces shirting @ Rs. 100
April 14 Purchased for cash from Hashish Furniture:5 sofa chairs for office use @ Rs.2,100
April 25 Purchased on credit from $\mathrm{M} / \mathrm{s}$. Mules Mills:15 pieces coating @ Rs.1,000 10 pieces shirting @ Rs. 90
April 30 M Purchase on credit from M/s. Heera Typewriters Ltd: 4 typewriters @Rs.3,900 each
Q15. Gopal started business for buying and selling of readymade garments with Rs. $8,00,000$ as an initial investment. Out of this he paid Rs. $4,00,000$ for the purchase of garments and Rs. 50,000 for furniture and Rs.50,000 for computers and the remaining amount was deposited into the bank. He sold some of the ladies and kids garments for Rs.3,00,000 for cash and some garments for Rs.1,50,000 on credit to Rajesh.Subsequently, he bought men's garments of Rs.2,00,000 from Satish. In the first week of the next month, a fire broke out in his office and stock of garments worth Rs.1,00,000 was destroyed. Later on, some garments which cost Rs. 1,20.000 were sold for Rs.1,30,000. Expenses paid during the same period were Rs.15,000. Gopal withdrew Rs. 20,000 from business for his domestic use. From the above, answer the following:
1)What is the amount of capital with which Gopal started the business?
2)What fixed assets did he buy?
3)Who is the creditor and state the amount payable to him?
4)Who is the debtor and what is the amount receivable from him?
Q16. Explain any two:
a) Prudence principle
b) Money measurement concept
C) Business entity principle
Q17. Rectify the following errors: 4
a) Purchase book undecasted by Rs. 300
b) Depreciation charged on machinery is debited to machinery account
c) Sold goods to Ram Rs. 4000 is entered through purchase book
d) Bad debt recovered from $X$ has not been recorded in the books of account.
Q18. Prepare double column cash book from the following information for March 2021:
01 Cash In hand ............................................................................... 7,500
Bank overdraft... ......................................................................... 3,500
03 Paid wages..................................................................................... 200
05 Cash sales ...................................................................................7,000
10 Cash deposited into bank .......................................................... 4,000
15 Goods purchased and paid by cheque ........................................2,000
20 Paid rent .......................................................................................... 500
25 Drew from bank for personal use.................................................. 400
30 Salary paid $\quad 1,000$
Q19. Prepare accounting equation from the following particulars : 6
a. Mr. X started business with cash Rs. 1,00,000
b. Paid rent in advance Rs. 4500
c. Received commission in advance Rs. 8500
d. Purchase goods from Mr. A for Rs. 7000
e. Purchased furnituire from Mr. Y for Rs. 8000
f. Sold good to Mr. C for Rs. 4000 costing Rs. 36000
Q20 From the following particulars make out the Bank Reconciliation Statement as on $31^{\text {st }}$ December 2020:
a) Pass book showed a credit balance of $₹ 15,000$ on $31^{\text {st }}$ December 2020.
(b) Cheques of $₹ 17,500$ were issued but cheques of $₹ 12,000$ only presented for payment till $31^{\text {st }}$ December.
(c) Cheques of ₹ 10,000 were sent to the bank for collection. Out of which cheques of $₹$ 2,000 were credited in the month of January 2021.
(d) Bank paid ₹ 300 as per standing instructions but no record made in the cash book.
(e) Bank charge an interest on overdraft ₹ 800 and entered twice in pass book by bank.
(f) ₹ 40 as bank charges not recorded in the cash book.
(g) Bank receives ₹ 200 as interest on Debenture, but no information being sent to the Customer.
Q21. On 1st January, 2014, K Ltd. Purchased machinery for Rs.4,80,000 and on 30th June 2015, it acquired additional machinery at a cost of Rs.800,000. On 31st March, 2016, one of
the machine (purchased on 1st January, 2014) which had cost of Rs. 200,000 was become obsolete and was sold as scrap for Rs.20,000. It was replaced on that date by purchasing a new machinery costing Rs.3,20,000. Depreciation is to be provided @ 15\% p.a. on the written down value. Show machinery account for the above period.

## PART-B (Financial Accounting - II)

Q22. If prepaid wages is given in trial balance, it is shown in :
1
a. Debit of trading account
b. Debit of trading account and assets
c. Debit of P \& Laccount
d. Assets

Q23. Outstanding salary is a
a. Real A/C
b. Personal $A / C$
c. Nominal A/C
d. None of these

Q24. Heavy amount spent for the advertisement of company's product is
a. Revenue expenditure
b. Deferred revenue expenditure
c. Capital expenditure
d. None of these

Q25. Net Sales during the year 2021 is Rs. $2,85,000$. Gross Profit is $25 \%$ on Cost. Find out Cost of Goods Sold.

1
Q26. How single entry system of book keeping is different from double entry system ? 4
Q27. Find out the value of Gross Profit for Mr. A, when:
Total purchase during the year. $\qquad$ Rs.9,00,00

Return Outward $\qquad$ Rs.30,000 Direct

Expense $\qquad$ Rs.50,000
$1 / 3$ of the goods are sold for $\qquad$ .Rs.7,10,000
Q28. A's trial balance on $31^{\text {st }}$ March 2020 shows the following information 4
Purchases ..... 2,80,000
Sales ..... 3,50,000
Carriage on purchases ..... 10,000
A took goods costing Rs. 20,000 for his personal usebut entry was not passed in the books of account. Showthe treatment in the final accounts.
Q29. From the following trial balance of Swati Khanna, you are required to prepareTrading \& Profit and Loss A/c and balance sheet for the year ended 31st March, 2013and a Balance Sheet as at that date:
Name of Accounts Dr. (Rs) ..... Cr. (Rs.)Capital50,000

| Drawings | 10,000 |  |
| :--- | ---: | ---: |
| Debtors and Creditors | 24,000 | 16,000 |
| $6 \%$ Loan |  | 10,000 |
| Interest on Loan | 300 |  |
| Cash |  |  |
| Provision for bad debts | 6,000 | 10,500 |
| Wages | 16,700 |  |
| Stock on 01.04.2012 | 10,000 |  |
| Computer | 7,500 |  |
| Bank | 20,000 |  |
| Motor Car | 4,500 |  |
| Carriage outward | 5,000 |  |
| Carriage inward | 12,000 |  |
| Salaries | 8,000 |  |
| Rent | 600 |  |
| Bad debt | 60,000 |  |
| Purchases |  | 119,600 |
| Sale | 18,500 |  |
| Returns |  |  |

Adjustments:
(a) Depreciate motor car by 5\% and computer by $10 \%$.
(b) Prepaid wages amounted to Rs. 1,200.
(c) Further bad debts Rs. 4000. Provision for bad debts is to be maintained at 5\% on debtors.
(d) Stock on $31^{\text {st }}$ March, 2013 was valued at Rs. 19,400.

## SAMPLE PAPER

## SUBJECT: ENGLISH

SESSION 2023-24

## SECTION A: READING SKILLS (26 marks)

## 1. Read the text carefully and answer the questions:

10 Marks

1. There are two problems which cause great worry to our educationist - the problem of religious and moral instruction in a land of many faiths and the problem arising out of a large variety of languages. Taking up the education of children, we see that they should be trained to love one another, to be tender to the lower animals, and to observe and think right. The task of teaching them how to read and write and to count and calculate is important, but it should not make us lose sight of the primary aim of moulding personality in the right way.
2. For this, it is necessary to call into aid, culture, tradition, and religion. But in our country we have, in the same school, to look after boys and girls born in different faiths and belonging to families that live diverse ways of life and follow different forms of worship associated with different denominations of religion. It will not do to tread the easy path of evading the difficulty by attending solely to physical culture and intellectual education. We have to evolve a suitable technique and method for serving the spiritual needs of school children professing different faiths. We would thereby promote an atmosphere of mutual respect, a fuller understanding, and helpful co-operation among the different communities in our society. Again, we must remain one people and we've therefore to give basic training in our schools to speak and understand more language than one and to appreciate and respect the different religions prevailing in India. It is not right for us in India to be dissuaded from this by considerations as to overtaking the young mind. What is necessary must be done. And it is not in fact too great a burden.
3. Any attempt to do away with or steamroll the differences through governmental coercion and indirect pressure would be as futile as it would be unwise. Any imposition of a single way of life and form of worship on all children or neglect of a section of the pupils in this respect or barren secularization will lead to a conflict between school and home life which is harmful. On the other hand, if we give due recognition to the different prevailing faiths in the educational institutions by organizing suitable facilities for religious teaching for boys and girls of all communities, this may itself serve as a broadening influence of great national values.

## On the basis of the reading of the text answer the following questions: 10x1=10 Marks

i. Complete the sentence by choosing an appropriate option.

Besides teaching students how to read and write and to count and calculate, our primary aim should be of $\qquad$ .
a) giving them vocational training
b) moulding their personality in the right way
c) providing them free meal
d) giving extra focus on their career
ii. Comment on the problems which cause great worry to our educationist as mentioned in paragraph one.
iii. List two ways in dealing with education of children to solve the aforementioned problems. (Clue: what should be taught to them)
iv. Select the option that conveys the opposite of 'unsympathetic', from words used in paragraph one.
a) personality
b) instruction
c) sight
d) tender
v. How can a student's personality be moulded in the right way?
a) By teaching them to think and do right
b) By teaching them about culture, tradition, and religion
c) By teaching them to count and calculate
d) By teaching them to read and write
vi. Based on your understanding of paragraph two, list one major problem that we face in schools today that these had over the fishing nets being used in present times.
vii. How can the spiritual needs of children be met?
viii. Complete the given sentence with an appropriate inference, with respect to the following: Changes that need to be brought in schools are $\qquad$ _.
ix. What would lead to a conflict between school and home?
a) Government Coercion
b) Indirect Pressure on young minds
c) Giving a choice of a single way of life/worship
d) Barren Secularization
x. Select the most suitable title for the above passage.
a) Religion and Moral Policing
b) Finding ways of religious and moral education
c) Problem of religious and moral instruction
d) Teaching religion in educational institutions

## 2. Read the text carefully and answer the questions:

8 Marks

1. Millions of tons of small waste from plastic bags, bottles and clothes in the world's ocean present a serious threat to human health and marine environment. This is a warming issued by the U.N. in a report on the most dangerous environmental problem facing the world today. Global plastic production has increased considerably in years nearly by $38 \%$.
2. A poor waste management means when we have finished with our takeaways contains cigarette butts and party balloons, they are worn down into trillions of even small particles
by the waves. Therefore, there is a growing presence of these micro plastic the world's oceans.
3. It was estimated in 2010 that millions of tons of plastic was washed into the season have since shown up in the stomachs of whales, plankton and other marine life. Richard Thompson, professor of marine biology said that in laboratory experiments the proof that micro plastic an cause harm to organisms.
4. More than a quarter of all fish now contain plastic, according to a recent study which analysed the guts of fish sold in California. Scientist fear that chemicals in plastics and also chemicals which attach themselves to plastic in natural environment could cause poisoning and many disorders in marine life if consumed in huge quantities.
5. Even human could be adversely affected by the plastic. People could even be breathing in plastic micro-particles suspended in the air with the risk of harmful effect on the lungs similar to air fumes.
6. Volunteers around the world collect trash and tally up what they find on the fall in Ocean's Conservancy's Annual International Coastal Cleanup. The result item-by-item, location-by-location Ocean Trash Index provides the only snapshot of marine debris littering coasts and waterways around the world, according to Ocean Conservancy.


## 1,140,222 Food Wrappers/Containers




692,767

## Cups/Plates/Cutlery



298,332 Paper Bags
7. Boyance Slat, a Dutch student has developed a technology that could sift dangerous plastic particle out of the ocean and sell them for profit or re-cycling. Richard Thompson recommended that people avoid using products with micro beads and to make sure they dispose of all plastic products in an appropriate way by, if possible.

On the basis of the reading of the text answer the following questions: $8 \times 1=8$ Marks
i. Select the option that is true for the two statements given below.
(1) More than a quarter of all fish now have plastics present in them.
(2) Millions of tons of plastic waste is present in the world's oceans.
a) (1) is the result of (2)
b) (1) is the reason for (2)
c) Both (1) and (2) are true
d) (1) contradicts (2)
ii. According to the passage, Richard Thompson is a $\qquad$ .
$\qquad$ provides the only snapshot of marine debris littering coasts and waterways.
iv. Through what does the cigarette butts and party balloons worn down into smaller particles?
v. We can find out that more than a quarter of all fish contained plastics in them by:
a) the stark warming issued by the UN in a report on the most dangerous environmental problems facing the world today.
b) collecting trash and tallying up what they find each day.
c) laboratory experiments performed by Richard Thompson a profession marine biology.
d) analysing the fish sold in California.
vi. Choose the correct set of statement which is NOT TRUE.
(I) Plastic could have similar effects like car fumes.
(II) Chemicals which attach themselves to plastic in natural environment could cause poisoning in
marine life.
(III) Humans will never be adversely affected by the plastic.
(IV) In 2001, Millions of tons of plastic was washed into the sea.
(V) There is a growing presence of micro plastics in the world's oceans.
a) (II), (V)
b) (I), (V)
c) (I), (II)
d) (III), (IV)
vii. What amount of paper bags in the index are diffused into the oceans?
viii. Fill in the blank with the correct option.

There are $\qquad$ beverage cans found in the index.
a) 337,865
b) 339,875
c) 339,445
d) 333,347

## 3. Read the passage given below and answer the questions that follow: $\mathbf{8}$ Marks

Leadership does not exist without followership. A leader has to be accepted by the group which the former is supposed to lead. To gain acceptability, the leader should cause an emotive impact on the group members.

The strength of character exhibited by leaders makes them dear to their followers. A leader is one who effectively inspires followers to achieve worthwhile things. What character of the leader motivates the followers? It is not pomp and show, neither flattery nor sanctioning more incentives. Pomp and show create a sense of awe and the leader is defied rather than emulated. Flattery is unrealistic and cannot serve as a long term motivational tool. A leader's style should be one that can be emulated by all irrespective of cadre, class and calibre.

Simplicity in one's day-to-day conduct is the only thing that can be adopted by all. When the leader is simple, he is counted as one belonging to the group of which he is the leader. That's enough to motivate the people. Motivation is the innate quality that enables an individual or group to contribute unlimitedly with limited means. It is the proud prerogative of enlightened human beings.

A leader needs to assume the role of a guide; quintessential of fulfilling the role is knowledgeability. Technical and administrative knowledge of the guide in balanced quantity
and of right kind are essential. Technical knowledge is too vast to be acquired by a leader. At best he is either 'Jack of all' or 'Master of few'. But he has to master the human relations aspect of administration in all detail. And when the leader is good at this, his guidance is sought and accepted, then he fulfils the role of a guide. The leader is a negotiator within and outside the organisation.
The leader shapes people and moulds character. To achieve this the leader should maintain equanimity. Equanimity is keeping oneself poised and balanced at all times. A leader is simply great if he can mould his followers with his frame of mind. He does this by his own example.
a) On the basis of your understanding of the above passage, make notes on it using headings and sub-headings. Use recognizable abbreviations (wherever necessary-minimum four) and a format you consider suitable. Also supply an appropriate title to it. 5 Marks
b) Write a summary of the passage in about 80 words.

## Section B - GRAMMAR AND CREATIVE WRITING SKILLS (23 Marks)

## 4. Answer any SEVEN of the following questions:

7 Marks
i. Fill in the following blanks given below choosing the most appropriate options from the ones that follow. Most Indian schools fail to ensure their students' adequate playtime and fitness regime. Two out of every five school, going children $\qquad$ (a) $\qquad$ have a healthy Body Mass Index (BMI) and $50 \%$ of children $\qquad$ (b) adequate lower body strength. Some schools $\qquad$ (c) $\qquad$ found to offer three or $\qquad$ (d) physical education periods per week.
a) (i) does (ii) does not (iii) don't (iv) do
b) (i) lack (ii) lacked (iii) have lacked (iv) had lacked
c) (i) was (ii) are (iii) is (iv) have
d) (i) much (ii) many (iii) more (iv) most
ii. Look at the sentences given below in a disorderly form. Re-order (Rearrange) them to form meaningful sentences:
a) we / live / eat / we / may / that /so
b) we / I / succeed / am / will / sure
c) work/you/hard/ fail/lest
5. i. You are R.V. Singh looking for an independent house in East Delhi on rent. Draft a suitable advertisement to be published in Hindustan Times stating all your requirements and expected rent.

OR
3 Marks

Your uncle has just established a tour and travel company and needs a classified advertisement to popularize it. Draft an advertisement giving all the necessary details.
ii. As Cultural Secretary of Ryan's International School, Gurgaon, design a poster to announce the staging of a play in your school.

OR
3 Marks

Publicly we proclaim that dowry is an evil. Privately we want our sons to fetch good dowries. Right from our school days we should be taught that demanding and even giving dowry is not only illegal but immoral too. Draw a poster in about 50 words highlighting dowry as a curse. You are Vikram/Sonia.
iii. A recent health check-up in your school revealed that many among your classmates were suffering from weak eyesight. You feel concerned. Write a speech in 150-200 words to be delivered in the morning assembly on how to protect your eyesight. Make use of the following clues

- reading in bad light
- bad posture
- wrong direction, from which light is coming
- excessive TV viewing
- regular washing of eyes
- eat more green vegetables
- enough sleep

5 Marks

Every year there are floods or droughts in the country. Victims suffer a lot. The government does a lot to help the people, but it is not enough. Society also must do its bit. Write a speech in 150-200 words to be delivered in the school morning assembly describing how the students can also help by collecting clothes, money and medicines from their neighbourhoods. You are Arun/Aruna.
iv. Academic excellence is the only requirement for a successful career. Write a debate either for or organist the motion. (120-150 words)

$$
\text { OR } 5 \text { Marks }
$$

'Private cars should be banned in the congested commercial areas of the cities.' Write a debate in 120-150 words either for or against the motion.

## Section C - Literature (31 Marks)

6. i. Read the given extracts and answer the questions for ANY ONE of the two, given. 3x1=3 Marks
A. Silence surrounds us. I would have

Him prodigal, returning to
His father's house, the home he knew,
Rather than see him make and move
His world. I would forgive him too,
Shaping from sorrow a new love.
a) Name the poem and the poet.
b) What does the father not want his son to do?
c) What would the father do to shape a new love from sorrow?

OR
B. I descend to lave the droughts, atomies, dust-layers of the globe, And all that in them without me were seeds only, latent, unborn; And forever, by day and night, I give back life to my own origin, And make pure and beautify it.
a) What does ' $I$ ' do day and night?
b) What is the origin of ' 1 '?
c) What does 'l' do for its origin?
ii. Read the given extracts and answer the questions for ANY ONE of the two, given. 3x1=3 Marks
A. A Flawless half-moon floated in a perfect blue sky in the morning we said our goodbyes.

Extended banks of cloud-like long French loaves glowed pink as the sun emerged to splash
the distant mountain tops with a rose-tinted blush. Now that we were leaving Ravu, Lhamo said she wanted to give me a farewell present. One evening l'd told her through Daniel that I was heading towards Mount Kailash to complete the kora, and she'd said that I ought to get some warmer clothes. After ducking back into her tent, she emerged carrying one of the long-sleeved sheepskin coats that all the men wore. Tsetan sized me up as we clambered into his car. "Ah, yes," he declared, "drokba, sir."
We took a short cut to get off the Changtang. Tsetan knew a route that would take us southwest, almost directly towards Mount Kailash. It involved crossing several fairly high mountain passes, he said. "But no problem, sir", he assured us, "if there is no snow." What was the likelihood of that I asked. "Not knowing, sir, until we get there."
a) What did the clouds in the morning sky resemble as the sun emerged?
b) Explain any one possible inference that can be drawn from Lhamo's gesture of giving the protagonist a long-sleeved sheepskin coat as a farewell present in the passage.
c) Identify the line from the text that bears evidence of the fact that the protagonist's association with Lhamo and Ravu is not a recent one.

## OR

B. My grandmother always went to school with me because the school was attached to the temple. The priest taught us the alphabet and morning prayer. While the children sat in rows on either side of the verandah singing the alphabet or the prayer in a chorus, my grandmother sat inside reading the scriptures. When we had both finished, we would walk back together. This time the village dogs would meet us at the temple door. They followed us to our home growling and fighting with each other for the chapattis we threw to them. When my parents were comfortably settled in the city, they sent for us. That was a turning-point in our friendship. Although we shared the same room, my grandmother no longer came to school with me. I used to go to an English school in a motor bus. There were no dogs in the streets and she took to feeding sparrows in the courtyard of our city house.
a) What role did the temple dogs play in the speaker's childhood, and how did this change when they moved to the city?
b) What significant event marked a turning point in the narrator's friendship with their grandmother?
c) Pick evidence from the passage that suggests there was a significant change in the protagonist's daily routine and environment when they moved to the city.

## iii. Read the given extracts and answer the questions for ANY ONE of the two, given.

 $4 \times 1=4$ MarksA. And then, as by a miracle, the pigmy chest, which his hands enclosed, gave a short, convulsive heave, another... and another... Andrew turned giddy. The sense of life, springing beneath his fingers after all that unavailing striving, was so exquisite it almost made him faint. He redoubled his efforts feverishly. The child was gasping now, deeper and deeper. A bubble of mucus came from one tiny nostril, a joyful iridescent bubble. The limbs were no longer boneless. The head no longer lay back spinelessly. The blanched skin was slowly turning pink. Then, exquisitely, came the child's cry.
a) Complete the sentence appropriately.

The author's purpose in giving minute details of the signs of life in the child is to
b) In the given extract, which of the following organs shows the sign of a 'miracle' in the child's body?
i. Limb
ii. Skin
iii. Nose
iv. Eye
c) Which trait about the doctor could be discerned in the lines, "Andrew turn giddy" and "it almost made him faint"?
d) Choose any one line from the given extract that shows the sign of life in the baby. OR
B. That year we lived at the edge of town, on Walnut Avenue. Behind our house was the country: vineyards, orchards, irrigation ditches, and country roads. In less than three minutes we were on Olive Avenue, and then the horse began to trot. The air was new and lovely to breathe. The feel of the horse running was wonderful. My cousin Mourad who was considered one of the craziest members of our family began to sing. I mean, he began to roar.
a) Complete the sentence appropriately.

The phrase 'he began to roar' suggests that $\qquad$ .
b) List ant two sensory details present in the extract.
c) Identify a line from the extract that supports the fact that the narrator and his cousin resided in a rural area.
d) What is the central idea of this extract?
i. A boy's joyful ride with his cousin
ii. A boy's dark secret
iii. A boy's school picnic
iv. A boy's narrow escape from a fatal accident
7. Answer the following questions in 40-50 words:

2x3=6 Marks
i. Why was Akhenaten termed 'wacky'?
ii. To what is the bird's movement compared? What is the basis for the comparison?

## OR

iii. How did Sue try to enliven the gloomy atmosphere?
iv. How do social interactions kill a child in a childhood? Answer in the context of Childhood.
8. Answer ANY ONE of the following three questions, in about 40-50 words.

1x3=3 Marks
A. Under what circumstances did the narrator's mother allow their valuable possessions to be carried away? Answer in the context of the The Address.
B. Who was Doris? What was it that surprised her about her mother?
9. Answer ANY ONE of the following two questions, in about 120-150 words.

1x6=6 Marks
A. Briefly explain author's journey to Mount Kailash in the chapter 'The Silk Road'?
B. The poet Shirley Toulson has paid a tribute to her mother. Similar instances can be seen in The Portrait of a Lady. This made you think that writing about a loved one is much better than building their statues or drawing their portraits. Comment.
10. Answer ANY ONE of the following two questions, in about 120-150 words.

1x6=6 Marks
A. Narrate The Tale of Melon city in your own words.
B. Give a brief character sketch of Mrs. Pearson.

## SAMPLE PAPER

CLASS XI
SUBJECT: ECONOMICS

## General Instructions:

1 This question paper contains two parts:
Part A-Statistics ( 40 marks)
Part B -Microeconomics (40 marks)
2 Marks for questions are indicated against each question.
3 Question No. 1-10 and Question No. 18-27 (including two Case Based Questions) are 1 mark questions and are to be answered in one word/sentence.
4 Case Based Questions (CBQ's) are Question No. 7-10 and Question No. 24-27.
5 Question No. 11-12 and Question No. 28-29 are 3 marks questions and are to be answered in 60-80 words cach.
6 Question No. 13-15 and Question No. 30-32 are 4 marks questions and are to be answered in 80-100 words each.
7 Question No. 16-17 and Question No. 33-34 are 6 marks questions and are to be answered in 100-150 words each.
8 Answers should be brief and to the point and the above word limit be adhered to as far as possible

## SECTION-A

## STATISTICS

1. 

Read the following statements: Assertion (A) and Reason (R). Choose one of the correct alternatives given below:
Assertion (A): Just like other statistical tools, index numbers can also be misused in order to arrive at desired conclusions.
Reason (R): In order to prove that current prices are very high, a dishonest trader may choose a year of exceptionally low prices as the base year.
Alternatives:
a) Both Assertion and Reason are correct statements and reason is the correct explanation of assertion.
b) Both Assertion and Reason are correct statements and reason is not the correct explanation of assertion.
c) Assertion is the correct statement but reason is not the correct statement.
d) Assertion is a wrong statement but reason is correct statement.

Assertion (A): Price Index Numbers measure the general changes in prices between the current and the base year.
Reason (R): Price Index may be wholesale Price Index or a Retail Price Index, depending on the types of prices used.
Alternatives:
a) Both Assertion and Reason are correct statements and reason is the correct explanation of assertion.
b) Both Assertion and Reason are correct statements and reason is not the correct explanation of assertion.
c) Assertion is the correct statement but reason is not the correct statement.
d) Assertion is a wrong statement but reason is correct statement.
2. Identify the correct pair of statements:

| Column A | Column B |
| :--- | :--- |
| A) Bar diagram | i) height and weight of bars are not equal |
| B) Ogive | (ii) represents median diagrammatically |
| C) Histogram | iii) width of rectangles are always equal |
| D) Pie diagram | iv) represent two discrete variables on a pie diagram |

(a) A-(i)
(b) B-(ii)
(c) C-(iii)
(d) D-(iv)
3. The -ve sign of correlation coefficient between $X$ and $Y$ indicates
a. As $X$ increases, $Y$ increases
b. As $X$ decreases, $Y$ decreases
c. Both a \& b are correct
d. As X increases, Y decreases
OR

Tick the incorrect statement.
(a) Correlation Coefficient lies between 0 and -1 .
(b) Karl Pearson's method calculates deviations from actual or assumed mean.
(c) Spearman's method of rank correlation measures coefficient of correlation for quantitative data.
(d) Both (a) and (c)
4. Read the following statements carefully and choose the correct alternative from the

Statement 1: In case of inclusive class-interval series, median can be calculated without converting the series into exclusive series.
Statement 2: When mid-values are given, then there is no need to convert midvalues into class intervals while calculating median.
Alternatives:
(a) Both the statements are true.
(b) Both the statements are false.
(c) Statement 1 is true \& Statement 2 is false.
(d) Statement 2 is true \& Statement 1 is false.

| 5. | For perfect correlation, the coefficient of correlation should be <br> a. $\pm 1$ <br> b. +1 <br> c.-1 <br> d. 0 | 1 |
| :---: | :---: | :---: |
| 6. | Read the following statements: Assertion (A) and Reason (R). Choose one of the correct alternative given below: <br> Assertion (A): Statistical data should be uniform and homogeneous. <br> Reason (R): Homogeneous data is not comparable. <br> Alternatives: <br> a) Both Assertion and Reason are correct statements and reason is the correct explanation of assertion. <br> b) Both Assertion and Reason are correct statements and reason is not the correct explanation of assertion. <br> c) Assertion is the correct statement but reason is not the correct statement. <br> d) Assertion is a wrong statement but reason is correct statement. | 1 |
| 7. | $\qquad$ is more suitable if the population is heterogeneous in nature, while $\qquad$ is more suitable in case of a homogeneous population. <br> OR <br> State whether true or false. Give reasons. <br> Telephone survey is the most suitable method of collecting data, when the population is literate and spread over a large area. | 1 |
| 8. | Read the following statements carefully and choose the correct alternative from the following: <br> Statement 1: Under Spatial Classification, data is classified with respect to different periods of time. <br> Statement 2: Population of Bihar for different years can be given according to Chronological Classification. <br> Alternatives: <br> (a) Both the statements are true <br> (b) Both the statements are false <br> (c) Statement 1 is true \& Statement 2 is false <br> (d) Statement 2 is true $\&$ Statement 1 is false | 1 |
| 9. | For the observations $1,4,4,4$ and 7 , it can be said that <br> a) mean is larger than median. <br> b) mean=median=mode <br> c) mean, median \& mode are not equal. <br> d) None of the above | 1 |
| 10. | Read the two statements below marked as Assertion (A) and Reason (R) and choose the correct option. <br> Assertion (A): A continuous variable can take any numerical value. <br> Reason (R): Value of a continuous variable changes by finite 'jumps'. <br> Alternatives: <br> a) Both $A$ and $R$ are true and $R$ is the correct explanation of $A$ <br> b) Both $A$ and $R$ are true but $R$ is not the correct explanation of $A$. <br> c) $A$ is true but $R$ is false. <br> d) $A$ is false but $R$ is true. | 1 |


| 11. | From the following data of the ages of different persons, prepare less than OR more than cumulative frequency distribution. |  |  |  |  |  |  |  |  |  |  | 3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Age in years | 10-20 |  | 20-30 | 30-40 | 40- |  | 50-60 | 60-70 | 70- |  |  |
|  | No. of Persons | 5 |  | 12 | 10 | 6 |  | 4 | 11 | 2 |  |  |
| 12. | The average marks of 50 students in class is 5 . The pass result of 40 students who took up a class test is given below. Calculate mean marks of 10 students who failed. <br> OR <br> The average age of a class having 35 students is 14 years. When the age of the class teacher is added to the sum of the ages of the students, the average rises by 0.5 year. What must be the age of the teacher? |  |  |  |  |  |  |  |  |  |  | 3 |
| 13. | Show monthly expenditure of two families by suitable diagram: |  |  |  |  |  |  |  |  |  |  | 4 |
|  | Items of Ex | penditur |  | Fami |  |  |  | mily B |  |  |  |  |
|  | Food |  |  | 25,000 |  |  |  | ,000 |  |  |  |  |
|  | Clothing |  |  | 8,000 |  |  |  | ,000 |  |  |  |  |
|  | House Ren |  |  | 5,000 |  |  |  | ,000 |  |  |  |  |
|  | Savings |  |  | 2,000 |  |  |  | ,000 |  |  |  |  |
| 14. | Mention the difficulties in construction of the consumer price Index. <br> OR <br> Give four uses of Index numbers |  |  |  |  |  |  |  |  |  |  | 4 |
| 15. | The following table gives marks obtained by 10 students in Economics and Accounts: Calculate the rank correlation: |  |  |  |  |  |  |  |  |  |  | 4 |
|  |  |  | 90 | 70 | 40 | 95 | 45 | 60 | 85 | 80 | 50 |  |
|  | Accounts | 45 | 70 | 65 | 30 | 90 | 40 | 50 | 75 | 85 | 60 |  |


| 16. | Read the extract below and answer the questions: $(1+1+1+3)$ <br> The correlation coefficient helps in measuring the extent of relationship between two variables in one figure. It facilitates understanding of economic behaviour and helps in locating the critically important variables on which others depend. Correlation facilitates decision making in the business world.it reduces the range of uncertainty as predictions based on correlation are likely to be more reliable and near to reality. Types of correlation include positive, negative, linear, non-linear, simple,multiple correlation. Methods to measure correlation are scatter diagrams, Karl Pearson's coefficient of correlation, Spearman's rank correlation coefficient. <br> (i) What do you mean by Scatter Diagram? <br> (ii) Give two examples of Negative Correlation. <br> (iii) If the relationship between X and Y is positive, as variable Y decreases, variable X $\qquad$ <br> (iv) Calculate coefficient of correlation from the following data: <br> Sum of squares of deviations of $X$ values from mean $=136$ <br> Sum of squares of deviations of $Y$ values from mean $=138$ <br> Sum of products of deviation of $X$ and $Y$ values from their means $=122$ |  |  |  |  |  |  |  |  | 6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 17. | Calculate mode for the following series: |  |  |  |  |  |  |  |  | 6 |
|  | Marks | 0-5 | 5-10 | 10-20 | 20-40 | 40-60 | 60-80 | 80-90 | 90-100 |  |
|  | No. of | 5 | 9 | 7 | 25 | 30 | 24 | 8 | 6 |  |
|  | OR <br> Calculate mode from the following particulars by grouping method: |  |  |  |  |  |  |  |  |  |
|  | Class Interval (X) |  |  |  | Frequency (f) |  |  |  |  |  |
|  | Below 20 |  |  |  |  |  | 4 |  |  |  |
|  | 20-30 |  |  |  |  |  | 6 |  |  |  |
|  | 30-40 |  |  |  |  |  | 5 |  |  |  |
|  | 40-50 |  |  |  |  |  | 10 |  |  |  |
|  | 50-60 |  |  |  |  |  | 20 |  |  |  |
|  | 60-70 |  |  |  |  |  | 22 |  |  |  |
|  | 70-80 |  |  |  |  |  | 24 |  |  |  |
|  | 80-90 |  |  |  |  |  | 6 |  |  |  |
|  | 90-100 |  |  |  |  |  | 2 |  |  |  |
|  | Above 100 |  |  |  |  | 1 |  |  |  |  |


|  | SECTION-B MICROECONOMICS |  |
| :---: | :---: | :---: |
| 18. | Read the following statements Assertion (A) and Reason (R). Choose one of the correct alternatives given below: <br> Assertion (A): Positive Economics avoids economic value judgements. <br> Reason (R): Positive Statements can be verified as true or false by comparing with actual data. <br> Alternatives: <br> (a) Both Assertion (A) and Reason (R) are True and Reason (R) is the correct explanation of Assertion (A). <br> (b) Both Assertion (A) and Reason (R) are True and Reason (R) is not the correct explanation of Assertion (A) <br> (c) Assertion (A) is True but Reason (R) is False <br> (d) Assertion (A) is False but Reason (R) is True <br> OR <br> Read the following statements carefully and choose the correct alternative from the following: <br> Statement 1: Production Possibility Frontier will shift towards left when there is decrease in resources with respect to both the goods. <br> Statement 2: An economy cannot operate at any point outside Production Possibility Frontier as it is unattainable with the available productive capacity. <br> Alternatives: <br> (a) Both the statements are true. <br> (b) Both the statements are false. <br> (c) Statement 1 is true and Statement 2 is false. <br> (d) Statement 2 is true and Statement 1 is false. | 1 |
| 19. | If the marginal revenue curve is parallel to the $X$-axis, the price of the commodity would be $\qquad$ <br> (a) Equal to Marginal Revenue. <br> (b) More than Marginal Revenue <br> (c) Zero. <br> (d) Less than Marginal Revenue <br> OR <br> Which of the following does not cause the shift of supply curve of a good? <br> (a) Price of input. <br> (b) Price of a good <br> (c) Goods and services Tax. <br> (d) Subsidy | 1 |
| 20. | When total utility is maximum marginal utility is $\qquad$ <br> OR <br> The total utility derived by Shyam by eating 6 apples is 300 utils. Marginal Utility of the 7th apple is 30 utils. The total utility for 7 apples will be $\qquad$ utils. <br> (a)330 <br> (b) 270 <br> (c) 300 <br> (d) 30 | 1 |


| 21. | Read the Following statements Assertion (A) and Reason (R). Choose one of the correct alternatives given below: <br> Assertion (A): Total Variable Cost (TVC) can be changed in the short run. <br> Reason (R): TVC increases initially at a decreasing rate, then at constant rate and, finally, at an increasing rate. <br> Alternatives: <br> (a) Both Assertion (A) and Reason (R) are True and Reason (R) is the correct explanation of Assertion (A). <br> (b) Both Assertion (A) and Reason (R) are True and Reason (R) is not the correct explanation of Assertion (A). <br> (c) Assertion (A) is True but Reason (R) is False. <br> (d) Assertion (A) is False but Reason (R) is True. | 1 |
| :---: | :---: | :---: |
| 22. | Read the following statements carefully and choose the correct alternative from the following: <br> Statement 1: The second phase of Law of Variable Proportions ends when MP is zero and TP is maximum. <br> Statement 2: A rational producer always seeks to operate in the Phase III of Law of Variable Proportions. <br> Alternatives: <br> (a) Both the statements are true. <br> (b) Both the statements are false. <br> (c) Statement 1 is true and Statement 2 is false. <br> (d) Statement 2 is true and Statement 1 is false. | 1 |
| 23. | Read the following statements carefully and choose the correct alternative from the following: <br> Statement 1: AFC curve is a U-shaped due to the application of Law of Variable Proportions. <br> Statement 2: As the output increases, the gap between AC and AVC curves also increases. <br> Alternatives: <br> (a) Both the statements are true. <br> (b) Both the statements are false. <br> (c) Statement 1 is true and Statement 2 is false. <br> (d) Statement 2 is true and Statement 1 is false. | 1 |
| 24. | If $M R$ is more than $M C$ at a particular level of output, then the producer will: <br> (a) Reduce production. <br> (b) Increase production <br> (c) Keep the production at current level. <br> (d) None of these | 1 |
| 25. | Two commodities A and B can be inferred as close substitutes of each other if: <br> (a) Rise in price of one leads to an increase in demand of other and vice-versa <br> (b) Rise in price of one leads to a decrease in demand of other and vice versa <br> (c) Fall in price of one leads to fall in demand of another one, but not the other way round. <br> (d) Rise in price of one lead to rise in demand of other one, but not the other way round | 1 |



## SAMPLE PAPER

## CLASS XI 2023-24

BUSINESS STUDIES
MARKS: 80

## General Instructions:

1 This question paper contains 34 questions.
2. Marks are indicated against each question.
3. Answers should be brief and to the point.
4. Answers to the questions carrying 3 marks may be from 50 to 75 words.
5. Answers to the questions carrying 4 marks may be about 150 words.
6. Answers to the questions carrying 6 marks may be about 200 words.
7. Attempt all parts of the questions together.

| Q. No. | SECTION A: | Marks |
| :--- | :--- | :---: |
| 1. | Business risk is not likely to arise due to_解 <br> A. Good management <br> C. Employee dishonesty <br> D. Power failure | 1 |
| 2. | Which of the following is not a feature of employment? <br> A. Fixed wages <br> B. Agreement between employer and employee <br> C. Terms and conditions <br> D. Element of risk | 1 |
| 3. | A Chartered Accountant providing services to his client is an example of <br> A. Employment <br> B. Profession <br> C. Business <br> D. Trade | 1 |


| 4. | The form of business organisation which is specifically found in India is <br> A. Sole Proprietorship <br> B. Partnership <br> C. Joint Hindu Family <br> D. Cooperatives | 1 |
| :--- | :--- | :---: |
| 5. | Satish lost his job during the Covid-19 pandemic now he wants to start a business of his <br> own in his hometown, Satish had limited finance availablewith him and he does not <br> want many legal formalities to start a business, suggest Satish which form of business <br> organisation he should go for: <br> A. Partnership <br> B. Sole proprietorship <br> C. Joint Hindu family business | 1 |
| D. Cooperative society |  |  |$\quad$| Gokul Dham society is made by a group of people in which these membersare able to |
| :--- |
| construct/buy houses at reasonable cost. This is an example of |
| 8. |


| 9. | Equity shareholders are called <br> A. Owners of the company <br> B. Partners of the company <br> C. Executives of the company <br> D. Guardian of the company | 1 |
| :--- | :--- | :---: |
| 10. | Funds Required for purchasing current assests is an example of <br> A. Fixed Capital Requirement <br> B. Ploughing back of profits <br> C. Working capital Requirement <br> D. Lease Financing | 1 |
| 11. | Which Instrument Saves Tax? <br> A. Debentureholder <br> B. Employees <br> C. Shareholders <br> D. None of the above | 1 |
| 12. | Debentures represent <br> (a) Fixed capital of the company <br> (b) Permanent capital of the company <br> (c) Fluctuating capital of the company <br> (d) Loan capital of the company | 1 |
| 13. | Which of the following is not a feature of MNC <br> A. Huge capital resources <br> B. Marketing strategies <br> C. Product innovation <br> D. Generating huge profits | 1 |
| 14. | The document containing detailed information regarding Price, quality, size, weight, <br> shape etc. of products which the exporter can supply is called: <br> A. Performa Invoice <br> B. Commercial Invoice <br> C. Both A and B <br> D. None of the above | 1 |


| 15. | A. According to principle of subrogation the insured should not be allowedto make any profit by selling damaged property or in the case of lost property being recovered. <br> B. The principle of subrogation is a corollary to the Principle of Indemnityand the damaged goods will belong to the insurance company, once the compensation is paid. It also states that insurance is not a contract of making a profit. <br> A. Both $A$ and $B$ are True. <br> B. Both $A$ and $B$ are False. <br> C. $A$ is True but $B$ is False. <br> D. $B$ is True but $A$ is False. | 1 |
| :---: | :---: | :---: |
| 16. | UPI stands for $\qquad$ <br> A. Unique Payment Introduction <br> B. Union Payment Interface <br> C. Upper Payment Interface <br> D. Unified Payment Interface | 1 |
| 17. | A person gets his stock of Rs.25,000 insured for Rs.35,000. A fire occursand the whole stock gets damaged. The insurance company will pay himonly Rs.25,000, the actual value of his stock and not Rs. 35,000 . Which principle of insurance is applied in this case? <br> A. Principle of Contribution <br> B. Principle of Subrogation <br> C. Principle of Indemnity <br> D. Principle of Insurable Interest | 1 |
| 18. | Without disclosing that he is suffering from TB, Mr. A gets himself insured against death for rupees 10 lakhs. He lives for another three-fouryears and dies due to TB. The insurance company comes to know about Mr. A's illness only after his death. Now, under these circumstances, theinsurance company is not liable to pay anything to the dependents of $\mathrm{Mr} . \mathrm{A}$ as the contract between the insurance company and Mr . A is void. <br> Identify the principle of insurance to which the above example is related: <br> A. Utmost good faith <br> B. Insurable interest <br> C. Indemnity <br> D. Subrogation | 1 |


| 19. | Service Enterprises having RS 5 crore investment in plant and machinery is called: <br> A. Micro Enterprises <br> B. Small Enterprises <br> C. Medium Enterprises <br> D. None Of the above | 1 |
| :--- | :--- | :---: |
| 20. | Your father has an old scooter and you want to replace it with a new scooter. Your <br> father is not ready to sell old scooter because he thinks that he will not geta good <br> price for it and he cannot afford a new one. <br> You found a buyer for your scooter at OLX who was ready to buy it at a good price <br> so you finally sold the old scooter. Which type of e-commerce did you use? | 1 |


|  | SECTION B |  |
| :---: | :---: | :---: |
| 21. | This is a voluntary association of persons, who join together with the motive of welfare of the members. They are driven by the need to protect their economic interests in the face of possible exploitation at the hands ofmiddlemen. <br> A. Identify the form of business organisation <br> B. Explain any (2) two features of the identified concept | 3 |
| 22. | What preferential rights are enjoyed by preference shareholders? Explain. | 3 |
| 23. | The National Small Industries Corporation (NSIC) Ltd., is a Government of India enterprise under the Ministry of Micro, Small and Medium Enterprises (MSME). It operates through a countrywide network of offices and technical centres in the country. NSIC has a B2B web portal. The portal provides small and medium sized enterprises in India, an access to customers around the globe exclusively, once they get themselves listed with NSIC portal for an annual fee. The portal facilitates transactions between buyers and sellers without any intervention. It has features which will enable virtual buyer-seller meets and assist the request of quotations for business orders. It also hosts a database of small and medium enterprises details, products, catalogue and pictures, in addition to provide market intelligence services (services such as product and tender tracking) to registered companies at a little extra cost. <br> What is the main objective of establishment of NSIC? <br> State any two functions performed by NSIC.. | 3 |
| 24. | Explain the services offered by the wholesalers to the manufacturers. | 3 |


| 25. | Benevolent Pharmaceuticals Ltd. Is a socially responsible business. Its Board of directors <br> always ensures that all the long-term decisions are in accordance with the laws of the <br> country and moreover in the interest of the public and stakeholders. In a financial <br> debate on CNN news channel, its Chairman explained as to how expenditure on <br> fulfilling social responsibilities of their business is not a burden. In the light of the above <br> example, what are the different stakeholders in a business enterprise and what are the <br> different ways by which responsibilities towards each of them ought to be fulfilled by <br> the management of the company? Write in Detail. | 4 |
| :--- | :--- | :--- |
| 26. | A. What do you mean by a Manufacturing Industry? <br> B. Explain any (3) classifications of the Manufacturing Industry. |  |
| 27. | Unique Enterprise is dealing in auto spare parts. With the expansion in business the <br> enterprise found that the decisions are delayed and level of coordination is coming <br> down. The CEO called for a meeting of all the managers. Ravi, a newly appointed <br> manager, suggested that company should have its own internet so that all the <br> employees can interact and pass important information to each other through internet. <br> Even short meetings of different departments can be conducted through Video <br> conferencing to take fast action. The CEO liked the idea and installed an internet for <br> connecting all the employees in line. <br> a) Which branch of e- business is suggested by Mr. Ravi? <br> b) What are the benefits provided by e-business? | 4 |
| 28. | Write a short note on using the RTGS and NEFT systems. Also, differentiate between <br> them. | 4 |
| 29. | It is an organisation created under the Companies Act, 2013 or any other previous <br> Company Law. The management of the organisation is regulatedby the provisions of <br> the Companies Act, like any other public limited company. The employees of the <br> organisation are appointed according to their own rules and regulations as contained <br> in the Memorandum and Articles of Association of the company. The Memorandum <br> and Articles ofAssociation are the main documents, containing the objects and its <br> rules and regulations of the organisation. | 4 |
| A. Identify the form of public enterprise |  |  |
| B. Explain any (2) merits and (1) demerit of the identified form of publicenterprise |  |  |$\quad 4$


| 31. | The cooperative society is compulsorily required to be registered under the <br> Cooperative Societies Act 1912. The process of setting up a cooperative society is <br> simple enough and at the most what is required is the consent of at least ten adult <br> persons to form a society. The capital of a society is raised from its members through <br> issue of shares. <br> Explain Consumers, Producer's and Marketing Cooperative Societies(2 Points <br> Each) | 6 |
| :--- | :--- | :---: |
| 32. | What do you mean by Public Deposits? Explain any four features of it. <br> "It offers a wide variety of products, classified into well-defined departments; each <br> one is confined to one kind of product to satisfy every customer's need under one <br> roof." <br> (a) Name the organisation referred to in the above statement. <br> (b) Give two examples of such organisations. <br> (c) Explain two merits and two demerits of such organisations. <br> OR | 6 |
| 33. | What do you mean by chain stores? Explain any two characteristics of it. | 6 |
| 34. | Explain the principle of Insurable interest. When does Insurable interest exist in Life <br> Insurance, Fire Insurance, Marine Insurance? | 6 |

ST. MICHAEL'S SR. SEC. SCHOOL, 3 PUSA ROAD
FINAL TERM
SAMPLE PAPER

## CLASS -XI MORAL SCIENCE

## Q. 1 Fill in the blanks: ( $1 \times 5=5 \mathrm{M}$ )

1. Speaking is a two way process, the two quarters are $\qquad$ and $\qquad$ .
2. The word optimism derives from the Latin word $\qquad$ meaning 'the best'.
3. Sense control is all about mastering your $\qquad$ .
4. Mass media is the best means of $\qquad$ to create a better society.
5. A pessimist can hardly see anything $\qquad$ in this world.
Q. 2 Answer the following questions briefly: $(2 \times 5=10 \mathrm{M})$
6. Accepting apology with grace is a healing experience. Do you agree?
7. State two characteristics of an optimistic person.
8. 'Speech is the mirror of the soul.' How would you justify this statement?
9. Children of working parents are more addicted to internet. Why? Mention two negative effects of overuse of internet.
10. What are the benefits of unconditional acceptance in human life?
Q. 3 Long Answer Questions: ( $5 \times 2=10 \mathrm{M}$ )
11. Explain the outlook of an optimist and a pessimist. How would you differentiate them?
12. What are the merits of vocational training?
