

ST. MICHAEL'S SR. SEC. SCHOOL
3, PUSA ROAD, NEW DELHI
CLASS XI (E/D) COMMERCE ASSIGNMENTS MID TERM
(2026-27)

1. BUSINESS STUDIES

Q1. Name the organisation which is formed by passing a special Act of Parliament or State Legislature. Give the features of such enterprises.

Q.2 A company has undertaken a fire insurance policy for Rs. 5 lakhs. After two months, due to fire, it incurred a loss of Rs. 2 lakhs. How much amount will the company get as compensation?

Q.3 State any three situations wherein a government company is the most suitable form of public sector organisation.

Q.4 Dhani Mani Bank is a private sector bank offering various services to its customers. It offers various types of bank account options to its customers. Rakesh, being a businessman, has chosen the type of account in which the deposits are the most liquid and there is no limit to the number of transactions or the amount of transactions in a day. On the other hand, his mother has opened a type of account where she can conveniently deposit the money she saves. She has got cheque facility and a lot of flexibility for deposits and withdrawals, whereas Rakesh's sister Reema opened the account where she will deposit Rs 2,000 per month for the next two years. In the context of the above case:

1. Identify the various types of bank accounts used by Rakesh and his family.
2. Describe briefly two other types of accounts.

Q.5 Mr. Anmol has a current account in State Bank of India, he has many transactions of fund transfers every day. One day he asked the bank manager to transfer Rs.50,000 to a client in Mumbai immediately. The bank manager replied to transfer the fund immediately minimum amount is Rs.2,00,000. In the context of above case

- I. Identify the concept discussed in the above case.
- II. Explain any three features of that concept.

Q.6 Post and Telegraph Department is part of a Government Ministry. It is fully managed, controlled, and financed by the concerned ministry. The annual budget of the ministry makes provision for the funds needed by the department. The ministry is answerable to the Parliament for its functioning.

- (i) Name the sector under which 'The Post and Telegraph Department' comes.
- (ii) Name the kind of organization it is and also the concerned ministry.

(iii) How the kind of organization to which this department belongs, is different from other organizations in the same sector? Give any three differences between all the organisations in the sector.

(iv) How are the revenues of the department treated?

Q.7 A transport company took an accident insurance policy for all its vehicles. A truck of that company carrying oranges met with an accident. Due to that accident, there was no damage to the oranges, but the oranges were unloaded from that truck and reloaded onto another. Due to time wastage in unloading and reloading, the oranges got spoiled.

Will the company get compensation for the loss of oranges from the insurance company or not? Which principle is related to this case? Explain the related principle of insurance.

Q.8 A husband took the life insurance policy of his wife. After one year, the couple got divorced, and later on, after two years, the wife died. Will the husband get compensation from the insurance company? State the reason also.

Q.9 A furniture manufacturer purchases raw materials on credit from suppliers. The company deposits its earnings in a bank and insures its factory against fire.

a) Which business services are used?

b) Why is insurance important?

c) What is the role of a bank?

Q.10 With the Enactment of the LIC Act, 1956, an autonomous body, Life Insurance Corporation of India was formed. The act defines its powers, duties and functions. It has a separate legal entity. It is fully owned by the government. It has an independent financial policy and can raise funds by borrowing from the public and the government. However, it is not subject to any budgetary accounting or audit control like the Railways. Its annual report is presented in parliament every year.

(a) Name the type of public sector enterprise referred to in the above case.

(b) Name the act under which it is formed.

(c) Name any other statutory corporation.

(d) State two features of the statutory corporation mentioned above.

2. ACCOUNTANCY ASSIGNMENT

Q1. Prepare a 'T' Shape Cash Account from the following transactions:

1. Aman started business with cash ₹60,000.
2. Purchased goods for cash ₹18,000.
3. Sold goods for cash ₹28,000.
4. Paid electricity charges ₹1,200.
5. Paid wages ₹2,000.
6. Withdrew cash for personal use ₹3,000.

Q2. State on which side the decrease in the following accounts will be recorded. Also mention the nature of each account.

1. Cash
2. Outstanding Wages
3. Prepaid Rent
4. Bank Overdraft
5. Outstanding Electricity Expenses
6. Riya, Proprietor of the Business

Q3. Prepare the Proprietor's Capital Account from the following particulars:

Date	Particulars	Amount (₹)
April 1, 2025	Started business with cash	80,000
June 10, 2025	Drawings for personal use	12,000
August 25, 2025	Additional capital introduced	40,000
December 15, 2025	Income Tax paid	6,000
March 31, 2026	Net Profit for the year	35,000

Q4. Prepare the Capital Account of Mr. Karan from the following particulars:

1. Capital introduced ₹50,000
2. Drawings ₹8,000
3. Additional Capital ₹20,000
4. Net Profit ₹15,000

Balance the account and state what the closing balance represents.

Q5. Calculate the amount of External Equities as on 31st March, 2026.

(i) Total Assets = ₹20,00,000; Capital = ₹14,00,000.

(ii) On 1st April, 2025, Neeraj started business with Capital ₹5,00,000 and borrowed ₹2,50,000 from a bank. During the year he earned a profit of ₹1,00,000. Total Assets on 31st March, 2026 were ₹12,00,000.

(iii) On 1st April, 2025, Pankaj started business with Capital ₹4,00,000 and borrowed ₹3,00,000 from a friend. During the year he earned a profit of ₹2,00,000, introduced additional capital ₹1,00,000 and withdrew ₹50,000 for personal use. Total Assets on 31st March, 2026 were ₹14,00,000.

Q6. Pass Journal Entries for the following transactions:

1. Rohit started business with cash ₹6,00,000.
2. Opened a bank account by depositing ₹4,00,000.
3. Purchased office furniture for ₹80,000 and paid by cheque.
4. Bought goods worth ₹4,00,000; paid ₹2,00,000 in cash and the balance by cheque.
5. Paid carriage inward ₹8,000.
6. Bank charges ₹1,500.
7. Goods costing ₹20,000 were used in making office furniture and wages paid ₹7,000.
8. Interest on personal fixed deposit ₹4,000 was wrongly credited by the bank into the firm's account.
9. Rohit introduced his personal laptop valued at ₹45,000 into the business.

Q7. Calculate:

1. Opening Capital = ₹1,20,000
2. Creditors at the end = ₹80,000
3. Revenue during the year = ₹2,50,000
4. Expenses during the year = ₹2,10,000

Calculate:

- (a) Closing Capital
- (b) Total Liabilities

Q8. Prepare the Accounting Equation and Balance Sheet from the following transactions:

1. Priya started business with cash ₹12,00,000 and deposited ₹5,00,000 into the business bank account.
2. Purchased a building for ₹15,00,000 from Amit by taking a bank loan of ₹12,00,000.
3. Paid loan instalment ₹1,50,000 and interest ₹30,000.
4. Purchased goods on credit from Deepak ₹2,00,000.
5. Returned goods to Deepak worth ₹25,000.
6. Sold goods costing ₹80,000 for ₹1,00,000 on credit to Ramesh.
7. Goods withdrawn by proprietor for personal use ₹15,000.
8. Outstanding Interest ₹8,000.
9. Commission received in advance ₹30,000.
10. Received ₹40,000 from Ramesh.

Q9. (a) Arjun started business on 1st April, 2025 with Capital ₹50,000 and borrowed ₹20,000 from a relative. During the year he earned a profit of ₹18,000 and withdrew ₹10,000 for personal use. Calculate his Capital as on 31st March, 2026.

(b) Meena started business on 1st April, 2025 with Capital ₹70,000. During the year she earned a profit of ₹12,000. She owes ₹8,000 to suppliers. Calculate the Total Assets as on 31st March, 2026.

Q10. Pass Journal Entries for the following transactions:

1. Kavita started business with cash ₹8,00,000.
2. Purchased goods from Raj Traders for ₹4,00,000, paying ₹1,50,000 in cash.
3. Sold goods to Mohit for ₹2,00,000, receiving ₹1,20,000 immediately.
4. Mohit returned goods worth 15% of the sales value due to defects.
5. Paid Raj Traders ₹2,45,000 in full settlement.
6. The remaining amount due from Mohit became irrecoverable and was written off as Bad Debts.
7. Paid office rent ₹24,000. One-fourth of the premises is used by the proprietor for personal purposes.
- 8.

3. MATHEMATICS ASSIGNMENT (2026-27)

- Q1. A committee of 5 members is to be formed from 7 men and 6 women such that it contains at least 3 women. Find the number of different committees that can be formed.
- Q2. From the letters of the word MATHEMATICS, how many different words can be formed if all letters are used and all the vowels are together?
- Q3. A number greater than 5,00,000 is formed using the digits 1, 2, 3, 4, 5, 6 without repetition. How many such numbers are divisible by 5?
- Q4. In how many ways can 8 students be seated in a row if:
- (i) Two particular students never sit together?
 - (ii) Three particular students always sit together?
- Q5. Seven different Mathematics books and five different Physics books are to be arranged on a shelf so that all the Mathematics books remain together and all the Physics books remain together. Find the number of arrangements.
- Q6. A cricket team of 11 players is to be selected from 8 batsmen, 6 bowlers and 3 all-rounders. The team must contain exactly 5 batsmen, at least 4 bowlers and at least 1 all-rounder. Find the number of possible teams.
- Q7. Five boys and four girls are to stand in a row for a photograph such that no two girls stand together. Find the number of arrangements.
- Q8. Find the number of six-digit even numbers that can be formed using the digits 0, 1, 2, 3, 4, 5, 6 without repetition.
- Q9. In how many ways can the letters of the word **ENGINEERING** be arranged so that no two vowels are adjacent?
- Q10. A box contains 12 different balls. In how many ways can 5 balls be selected if:
- (i) Two particular balls must be selected.
 - (ii) Two particular balls are never selected together.
- Q11. Ten students are to be divided into three groups containing 2, 3 and 5 students respectively. Find the number of different divisions.
- Q12. Find the number of arrangements of the letters of the word **ARRANGEMENT** such that all the vowels come together.
- Q13. Three identical red balls, four identical blue balls and five identical green balls are to be arranged in a straight line. Find the number of distinct arrangements.
- Q14. Four married couples are to be seated around a circular table. Find the number of arrangements if no husband sits adjacent to his wife.

- Q15. A school wants to appoint a Head Boy, Head Girl, Sports Captain, Cultural Captain and Discipline Captain from 12 boys and 10 girls. The Head Girl must be a girl, the Head Boy must be a boy, while the remaining three posts may be filled by anyone. Find the number of possible selections.
- Q16. Find the coefficient of x^7 in the expansion of $(2x - 3)^9$.
- Q17. Expand $(2x - 3)^9$.
- Q18. Using the Binomial Theorem, prove that $11^{2n} - 1$ is divisible by 120 for every natural number n .
- Q19. Using the Binomial Theorem, prove that $9^n - 1$ is divisible by 8 for every natural number n .
- Q20. If the coefficient of x^3 in the expansion of $(1 + x)^n$ is 220, find the value of n .

4. INFORMATIC PRACTICES

1. Write a Python program to display prime numbers below 30.
2. Distinguish between primary and secondary memory.
3. Write a Python program to print the following pattern:

```
1
3 3
5 5 5
7 7 7 7
9 9 9 9 9
```
4. Write a Python program to read 3 numbers in 3 variables and swap the first two variables with the sums of the first and second numbers and second and third numbers, respectively.
5. What is Python? Why it is an interpreted language?
6. Why are language processors used? Differentiate between compiler and interpreter.
7. Write a Python program to find the maximum and minimum elements in the list entered by the user.
8. Write a Python program to count the frequency of an element in a list entered by the user.

9. Write a Python program that accepts marks in 5 subjects and outputs the total and average marks.
10. What is the difference between interactive mode and script mode in Python.

5. ECONOMICS

1. Briefly discuss the meaning of economic and non-economic activities.
2. Briefly comment on the nature of economics.
3. "The government and policy makers use statistical data to formulate suitable policies of economic development". Explain the importance of statistics in this regard.
4. Explain any three limitations of statistics.
5. Write a short note on
 - (i) Census of India
 - (ii) National Sample Survey Organisation
6. Calculate the missing class-intervals from the following distribution:

C.I.	f
Below 20	7
20-50	12
50-90	16
90-140	2
More than 140	4

7. Convert the following into more than and less than series:

Age (in years)	No. of persons
10-20	5
20-30	12
30-40	10
40-50	6
50-60	4
60-70	11
70-80	2

8. What is the difference between a simple table and a complex table? Explain with the help of a numerical example.
9. What is the main difference between two-way table, three-way table and manifold table?
10. Discuss the merits of tabulation.

6. PHYSICAL EDUCATION

1. A Class 11 student wants to pursue a career in sports but is confused between becoming a coach, a sports journalist, and a fitness trainer. Based on the career avenues discussed in Physical Education, outline the qualifications, skill sets, and typical career path for each option so the student can make an informed choice.
2. Your school has been selected to host an "Olympic Day" celebration. As the student coordinator, design an activity plan that authentically reflects at least three Olympic values (excellence, friendship, respect) and explain how each planned activity embodies that value.
3. A 45-year-old sedentary office worker complains of low energy, weight gain, and poor sleep. Using the components of physical fitness and wellness, design a practical weekly lifestyle plan (including physical activity, rest, and diet pointers) to help this person improve their overall wellness.
4. A Class 11 school has admitted a student with locomotor disability (CWSN) who wants to participate in the annual sports day. As the PE teacher, identify two suitable adapted sports/games for this student and explain what modifications in equipment, rules, or environment would be needed.
5. A group of Class 12 students is preparing for board exams and reports high stress and anxiety. Recommend a set of yogic asanas and pranayama techniques appropriate for stress management, and justify your selection based on their physiological/psychological benefits.
6. A newly appointed PE teacher at a rural school has no budget for sports equipment but is expected to run a fitness program for 200 students. Suggest low-cost/no-cost strategies to develop physical fitness components (strength, endurance, flexibility) among students, referencing test/training principles from the syllabus.
7. During the school's Olympic Day event, a heated argument breaks out between two teams over a disputed decision, threatening the spirit of fair play. As a student leader, explain how you would use the Olympic values of respect and fair play to resolve the conflict, and suggest a preventive measure for future events.

8. Two Class 11 students — one an athletic, high-energy learner and one who is overweight and reluctant to exercise — are placed in the same PE class. Using the concept of "wellness" as distinct from mere "fitness," design differentiated activity goals and motivational strategies for each student.
9. A CWSN student with visual impairment is being considered for the school's inclusive sports program. Identify one team sport and one individual sport suitable for this student, and describe the necessary equipment modifications and safety precautions for each.
10. A student athlete practicing yoga for the first time struggles with breathing coordination in Pranayama and often feels dizzy. As a yoga instructor, explain the likely causes and outline corrective steps/precautions to help the student practice safely.

7. ENGLISH

1. Fill in the blanks with the correct tense.
 - a) By next Monday, she _____ (submit) her assignment.
 - b) When I reached the station, the train _____ (already/leave).
 - c) He usually _____ (read) novels in the evening.
 - d) At this time tomorrow, we _____ (sit) in the examination hall.
2. Fill in the blanks with the correct clause.
 - a) She said that she _____ tired. (*Noun Clause*)
 - b) We stayed indoors _____ it was raining heavily. (*Adverb Clause of Reason*)
 - c) Do you remember the day _____ we first met? (*Relative Clause*)
 - d) He works hard _____ he may achieve success. (*Adverb Clause of Purpose*)
3. Change the following to reported speech.
 - a) The scientist said, "If we don't act now, the planet will suffer irreparable damage."
 - b) The judge asked the witness, "Why did you not report the incident immediately?"
4. Rewrite in passive voice:
 - a) He is writing a letter to his friend.
 - b) They had finished the work before sunset.
5. Rearrange to form meaningful sentences:
 - a) / ignored / warnings / despite / the / continued / villagers / flood / the / of
 - b) / conference / postponed / reasons / unforeseen / the / was / due / international

6. Singh's personal recollection of his grandmother and Zahi Hawass's scientific exploration of Tutankhamun both attempt to preserve memory. How do personal narrative and scientific inquiry differ in their approach to legacy?
7. What qualities of leadership and teamwork helped the family survive the storm? Illustrate with examples from the text.
8. How do Aram and Mourad's actions reflect the tension between youthful adventure and the Armenian tradition of honesty?
9. Why does the narrator feel alienated when she visits Mrs. Dorling's house? How do the household objects become symbols of memory and loss?
10. Both *A Photograph* and *The Laburnum Top* reflect on the passage of time and the inevitability of change, yet they do so through different lenses, memory of human loss and observation of nature's cycles. Discuss how the two poems use imagery and symbolism to portray transience.

CLASS 11, VALUE EDUCATION ASSIGNMENT

Fill in the blanks with suitable words.

1. A _____ person is calm, unemotional and neutral.
2. Make prayer your _____ wheel and not your spare wheel.
3. People who are shy are generally not able to make _____ contact.
4. _____ of failure is something we all experience.

State whether the given statements are True or False.

5. Even the most confident people have insecurities.
6. People may have same experiences in life.
7. There are no positive effects of fear.
8. Visualisation can help deal with real life scenarios.

Answer the following questions in 40-50 words.

9. Explain failure as a process or a phase in life.
10. Explain the origins of self-hate.