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| ROLL NUMBER | | | | |
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SET A



INDIAN SCHOOL MUSCAT

FIRST PERIODIC TEST

CHEMISTRY

CLASS: XI

Sub.Code: 043

Time Allotted: 50mts.

18.09.2022

Max .Marks: 20

GENERAL INSTRUCTIONS:

- (i) All questions are compulsory.
(ii) Mark for each question is indicated against the question.

1. Assertion (A): Combustion of 16 g of methane gives 18 g of water. 1
Reason (R): In the combustion of methane, water is one of the products.
(A) Both assertion and reason are true and reason is the correct explanation of assertion
(B) Both assertion and reason are true and reason is not the correct explanation of assertion
(C) Assertion is true but reason is false.
(D) Assertion is false but reason is true.
2. Assertion (A): 1 L of nitrogen reacts with 3 L of hydrogen to give 4 L of ammonia. 1
Reason (R): Gases always react in simple whole number ratio by volume.
(A) Both assertion and reason are true and reason is the correct explanation of assertion
(B) Both assertion and reason are true and reason is not the correct explanation of assertion
(C) Assertion is true but reason is false.
(D) Assertion is false but reason is true.
3. If 500 ml of a 5 M solution is diluted by adding 1000 ml of water, What will be the molarity of the solution obtained? 1
(A) 2.5 M (B) 1.66 M (C) 0.017 M (D) 1.5 M

4. Which of the following contains the same number of carbon atoms as are in 6 g of C-12? 1
(H=1u, C=12 u, O=16u)
(A) 6 g of Ethane (B) 8 g of methane (C) 21 g of propane (D) 28 g of CO
5. The number of moles corresponding to 88 amu of carbon dioxide is (C=12 u, H=1u, O=16) 1
(A) 2 mols (B) 3.3×10^{24} mols (C) 3.3×10^{-24} (D) 88 mols
6. 22.4 dm³ of nitrogen gas at STP contains -----atoms. 1
7. The mole fraction of a solute in its 10 m aqueous solution is ----- 1
8. The number of moles present in 5 L of 0.4 M H_2SO_4 is..... 1
9. State the Law of Multiple Proportions. 1
10. What is the percentage of carbon in carbon monoxide? C=12 u, O=16 u 1
11. Calcium reacts with hydrochloric acid to give calcium chloride and hydrogen gas. What 2
volume of 0.4 M hydrochloric acid solution is required to react completely with 20 g of
calcium? What volume of hydrogen gas is produced at STP? Ca= 40 u.
12. A compound has 93.75% carbon and 6.25% hydrogen. What is its empirical formula? 2
C = 12 u & H = 1 u
13. Define Molarity. 3
Calculate the molarity of H_2SO_4 which is 98% acid by mass and its density is 1.84 g/cc.
H = 1u, S = 32u & O = 16 u
14. Define ppm. 3
400 ml of 0.05 M $CaCl_2$ solution is mixed with 150 ml of 0.1 M $AgNO_3$ solution. Find the
number of moles AgCl formed. Which is the limiting reagent?

END OF THE PAPER

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SET B



INDIAN SCHOOL MUSCAT

FIRST PERIODIC TEST

CHEMISTRY

CLASS: XI

Sub.Code: 043

Time Allotted: 50mts.

18.09.2022

Max .Marks: 20

GENERAL INSTRUCTIONS:*(i) All questions are compulsory.**(ii) Mark for each question is indicated against the question.*

1. Assertion (A): 4 L of hydrogen reacts with 4 L of oxygen to give 4 L of water vapour. 1
Reason (R): Gases always react in simple whole number ratio by volume.
(A) Both assertion and reason are true and reason is the correct explanation of assertion
(B) Both assertion and reason are true and reason is not the correct explanation of assertion
(C) Assertion is true but reason is false.
(D) Assertion is false but reason is true.
2. Assertion (A): 6.022×10^{23} molecules of oxygen occupies a volume of 22.4 dm^3 at STP 1
Reason (R): 22.4 dm^3 is known as molar volume.
(A) Both assertion and reason are true and reason is the correct explanation of assertion
(B) Both assertion and reason are true and reason is not the correct explanation of assertion
(C) Assertion is true but reason is false.
(D) Assertion is false but reason is true.
3. Which of the following contains the same number of molecules as in 1 g of hydrogen gas? 1
(H=1u, C=12 u, O=16u)
(A) 30 g of Ethane (B) 32 g of methane (C) 44 g of propane (D) 14 g of CO
4. The number of moles corresponding to 100 amu of neon is (Ne = 20 u) 1
(A) 5 mols (B) 8.3×10^{-24} (C) 8.3×10^{22} mols (D) 100 mols

5. The volume of water needed to make 500 mL of 2 M hydrochloric acid solution using 5 M HCl solution is
(A) 200 mL (B) 300 mL (C) 1000 mL (D) 100 mL 1
6. The mole fraction of an aqueous solution is 0.2. The molality of that solution is ----- 1
7. The mass of one carbon atom in Kg is 1
8. 22.4 dm^3 of ozone gas at STP contains -----atoms. 1
9. Define Avogadro's law. 1
10. What is the percentage of nitrogen in nitrogen dioxide? N=14 u, O=16 u 1
11. An organic compound on analysis was found to contain 57.8% of carbon, 3.6% of hydrogen and the rest oxygen. Find its empirical formula. 2
C = 12u, H = 1u & O = 16u
12. Magnesium reacts with hydrochloric acid to give magnesium chloride and hydrogen gas. 2
What volume of 0.5 M hydrochloric acid solution is required to react completely with 48 g of magnesium? What volume of hydrogen gas is produced at STP? Mg = 24 u.
13. Define Molality. 3
Calculate the molality of an aqueous H_2SO_4 solution which is 40% acid by mass.
H = 1u, S = 32u & O = 16 u
14. Define empirical formula. 3
 400 cm^3 of 0.3 M AgNO_3 solution is added to 400 cm^3 of 0.2 M Na_2SO_4 solution resulting in the formation of white precipitate of Ag_2SO_4 . How many moles of Ag_2SO_4 are produced? Which is the limiting reactant?

END OF THE PAPER



INDIAN SCHOOL MUSCAT
FIRST PERIODIC TEST

CHEMISTRY

CLASS: XI

Sub.Code: 043

Time Allotted: 50mts.

18.09.2022

Max .Marks: 20

GENERAL INSTRUCTIONS:

(i) All questions are compulsory.

(ii) Mark for each question is indicated against the question.

1. Assertion (A): 6.022×10^{23} molecules of oxygen occupies a volume of 22.4 dm^3 at STP 1
Reason (R): 22.4 dm^3 is known as molar volume.
(A) Both assertion and reason are true and reason is the correct explanation of assertion
(B) Both assertion and reason are true and reason is not the correct explanation of assertion
(C) Assertion is true but reason is false.
(D) Assertion is false but reason is true.
2. Assertion (A): 1 L of nitrogen reacts with 3 L of hydrogen to give 4 L of ammonia 1
Reason (R): Gases always react in simple whole number ratio by volume.
(A) Both assertion and reason are true and reason is the correct explanation of assertion
(B) Both assertion and reason are true and reason is not the correct explanation of assertion
(C) Assertion is true but reason is false.
(D) Assertion is false but reason is true.
3. If 500 ml of a 5 M solution is diluted by adding 1500 ml of water, What will be the molarity 1
of the solution obtained?
(A) 2.5 M (B) 1.66 M (C) 1.5 M (D) 1.25 M

4. Which of the following contains the same number of molecules as in 1 g of hydrogen gas? 1
(H=1u, C=12 u, O=16u)
(A) 30 g of Ethane (B) 32 g of methane (C) 44 g of propane (D) 14 g of CO
5. The number of moles corresponding to 88 amu of carbon dioxide is (C=12 u, H=1u, O=16) 1
(A) 2 mols (B) 3.3×10^{24} mols (C) 3.3×10^{-24} (D) 88 mols
6. 22.4 dm³ of helium gas at STP contains -----atoms. 1
7. The mole fraction of a solute in its 10 m aqueous solution is ----- 1
8. The mass of one oxygen molecule (O = 16u) in Kg is 1
9. State Gay-Lussac's law. 1
10. What is the percentage of oxygen in water? H =1 u, O=16 u 1
11. An organic compound contains 34.6% of carbon, 3.8% of hydrogen and the rest oxygen. . 2
Find its empirical formula?
C = 12u, O = 16 u & H = 1 u
12. Sodium reacts with sulphuric acid to give sodium sulphate and hydrogen gas. What volume 2
of 0.4 M sulphuric acid solution is required to react completely with 4.6 g of sodium? What
volume of hydrogen gas is produced at STP? Na = 23 u.
13. Define limiting reagent. 3
800 ml of 0.05 M BaCl₂ solution is mixed with 300 ml of 0.1 M AgNO₃ solution. Find the
number of moles AgCl formed. Which is the limiting reagent?
14. Define mole fraction. 3
The concentration of an aqueous solution of NaOH is 200 ppm. What is the molality of this
solution? H = 1u, Na = 23 u & O = 16 u

END OF THE PAPER



**INDIAN SCHOOL MUSCAT
FIRST PERIODIC TEST
ACCOUNTANCY (055)**

CLASS: XI

Time Allotted: 50 Mins.

18.09.2022

Max. Marks: 20

GENERAL INSTRUCTIONS

1. There are 8 questions in the question paper. All questions are compulsory.
2. Question nos. 1 and 2 are very short answer type questions carrying 1 mark each.
3. Question nos. 3 and 4 are short answer type-I questions carrying 2 marks each.
4. Question nos. 5 and 6 are short answer type-II questions carrying 3 marks each.
5. Question nos. 7 and 8 are long answer type questions carrying 4 marks each.

- 1 _____ is the process of grouping the transactions of one nature at one place, in a separate account. 1
 (a) Recording (b) Classifying
 (c) Summarising (d) Interpretation
- 2 The nature of Capital is a _____. (Fill-in-the blank) 1
- 3 State true or false giving reasons. 2
 Book Keeping and Accounting are synonymous terms.
- 4 State whether the following transactions are Capital Expenditure or Revenue Expenditure. 2
 (a) Repairs for ₹5,000 necessitated by negligence.
 (b) ₹25,000 paid for installation of a new machine
- 5 What are the qualitative characteristics that make Accounting Information useful to users? Explain any three. 3
- 6 Define Discount. Differentiate between Trade Discount and Cash Discount. 3
- 7 Discuss four Objectives of Accounting. 4
- 8 Ben and Jones started business with Cash ₹10,000 and Machinery ₹1,00,000. They decided to set up a production line for PPE kits for the protection from Covid 19 virus. As their demand expanded, they decided to purchase one more machinery. For the same, they took bank overdraft and purchased the machinery. 4
 The quality of the company's product was very high and therefore, it could develop a reputation for itself in the market and business was flourishing. After 1.5 years, their old machinery turned obsolete so they decided to sell the same. They sold it and got some cash proceeds.
 (i) What was the capital initially invested?
 (ii) Identify the assets given in the first paragraph and state their nature.
 (iii) Define 'Liabilities'. State an example of liability (external) given in the passage.

End of the Question Paper



INDIAN SCHOOL MUSCAT
FIRST PERIODIC TEST
ACCOUNTANCY (055)

CLASS: XI

Time Allotted: 50 Mins.

18.09.2022

Max. Marks: 20

GENERAL INSTRUCTIONS

1. There are 8 questions in the question paper. All questions are compulsory.
2. Question nos. 1 and 2 are very short answer type questions carrying 1 mark each.
3. Question nos. 3 and 4 are short answer type–I questions carrying 2 marks each.
4. Question nos. 5 and 6 are short answer type–II questions carrying 3 marks each.
5. Question nos. 7 and 8 are long answer type questions carrying 4 marks each.

- 1 A liability arises because of _____ transactions. (Fill-in-the blank) 1
- 2 Accounting starts with _____ financial transactions and ends with _____ accounting information. 1
 - (a) Recording, Communicating
 - (b) Classifying, Analyzing
 - (c) Identifying, Analyzing
 - (d) Identifying, Communicating
- 3 State whether the following transactions are Capital Expenditure or Revenue Expenditure. 2
 - (a) Repairs for ₹5,000 necessitated by negligence.
 - (b) ₹ 25,000 paid for installation of a new machine
- 4 State true or false giving reasons. 2

Book Keeping and Accounting are synonymous terms.
- 5 Define Discount. Differentiate between Trade Discount and Cash Discount. 3
- 6 What are the qualitative characteristics that make Accounting Information useful to users? Explain any three. 3
- 7 Ben and Jones started business with Cash ₹10,000 and Machinery ₹1,00,000. They decided to set up a production line for PPE kits for the protection from Covid 19 virus. As their demand expanded, they decided to purchase one more machinery. For the same, they took bank overdraft and purchased the machinery. 4

The quality of the company's product was very high and therefore, it could develop a reputation for itself in the market and business was flourishing. After 1.5 years, their old machinery turned obsolete so they decided to sell the same. They sold it and got some cash proceeds.

 - (i) What was the capital initially invested?
 - (ii) Identify the assets given in the first paragraph and state their nature.
 - (iii) Define 'Liabilities'. State an example of liability (external) given in the passage.
- 8 Discuss four Advantages of Accounting. 4

End of the Question Paper



**INDIAN SCHOOL MUSCAT
FIRST PERIODIC TEST
ACCOUNTANCY (055)**

CLASS: XI

Time Allotted: 50 Mins.

18.09.2022

Max. Marks: 20

GENERAL INSTRUCTIONS

1. There are 8 questions in the question paper. All questions are compulsory.
2. Question nos. 1 and 2 are very short answer type questions carrying 1 mark each.
3. Question nos. 3 and 4 are short answer type–I questions carrying 2 marks each.
4. Question nos. 5 and 6 are short answer type–II questions carrying 3 marks each.
5. Question nos. 7 and 8 is long answer type questions carrying 4 marks each.

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| 1 | Which of these concepts is a process of give and take with 'event' as the end result of it? | 1 |
| | (a) Measurement (b) Financial information | |
| | (c) Transactions (d) Communication | |
| 2 | A person to whom firm owes money for purchase of goods is a _____. (Fill-in-the blank) | 1 |
| 3 | State true or false giving reasons. Book Keeping and Accounting are synonymous terms. | 2 |
| 4 | State whether the following transactions are Capital Expenditure or Revenue Expenditure. (a) Repairs for ₹5,000 necessitated by negligence. (b) ₹ 25,000 paid for installation of a new machine | 2 |
| 5 | What are the qualitative characteristics that make Accounting Information useful to users? Explain any three. | 3 |
| 6 | Define Discount. Differentiate between Trade Discount and Cash Discount. | 3 |
| 7 | Discuss four Limitations of Accounting. | 4 |
| 8 | Ben and Jones started business with Cash ₹10,000 and Machinery ₹1,00,000. They decided to set up a production line for PPE kits for the protection from Covid 19 virus. As their demand expanded, they decided to purchase one more machinery. For the same, they took bank overdraft and purchased the machinery. The quality of the company's product was very high and therefore, it could develop a reputation for itself in the market and business was flourishing. After 1.5 years, their old machinery turned obsolete so they decided to sell the same. They sold it and got some cash proceeds. (i) What was the capital initially invested? (ii) Identify the assets given in the first paragraph and state their nature. (iii) Define 'Liabilities'. State an example of liability (external) given in the passage. | 4 |

End of the Question Paper

Roll Number

SET

A



INDIAN SCHOOL MUSCAT
FIRST PERIODIC TEST
SOCIOLOGY(039)

CLASS: XI

Time Allotted: 50 Mins.

18.09.2022

Max.Marks: 20

GENERAL INSTRUCTIONS

1. All questions are compulsory.
2. Question no. 1 to 4 are objective type questions.
3. Question no. 5 to 8. They are very short answer type questions carrying 2 marks each. Answer to each question should not exceed 30 words.
4. Question no. 9 and 10. They are short answer type questions carrying 4 marks each. Answer to each question should not exceed 80 words each.

- 1 Who wrote the book 'Sociological Imagination'? 1
a. C.W. Mills b. August Comte c. Max Weber d. Karl Marx
- 2 Sociology as a 'Western Discipline' emerged in 1
a. Europe b. Africa c. America d. North India
- 3 The value attached to a social status is known as 1
- 4 is an extreme form of inequality in which some individuals are literally owned by others. 1
- 5 Define Quasi group. 2
- 6 What are Common sense explanations? 2
- 7 Where & when was the first department of Sociology established? 2
- 8 List out any four characteristics of secondary group. 2
- 9 Why Sociology is considered a Science? 4
- 10 'Social Control can be Positive or Negative'. Explain. 4

End of the Question Paper

Roll Number

SET

B



INDIAN SCHOOL MUSCAT
FIRST PERIODIC TEST
SOCIOLOGY(039)

CLASS: XI

Time Allotted: 50 Mins.

18.09.2022

Max. Marks: 20

GENERAL INSTRUCTIONS

1. All questions are compulsory.
2. Question no. 1 to 4 are objective type questions.
3. Question no. 5 to 8. They are very short answer type questions carrying 2 marks each. Answer to each question should not exceed 30 words.
4. Question no. 9 and 10. They are short answer type questions carrying 4 marks each. Answer to each question should not exceed 80 words each.

- 1 Who is known as father of sociology? 1
a. Auguste Comte b. Karl Marx c. Charles Darwin d. Emile Durkheim
- 2 Who was the first Head of the Department of Sociology in India? 1
a. Sir Patrick Geddes b. Herbert Spencer c. Max Webber d. Auguste Comte
- 3 The birth into a caste is a best example of _____ status. 1
- 4 A _____ is a mode of reward or punishment that reinforces socially expected forms of behavior. Social control can be positive or negative. 1
- 5 Explain empirical studies. 2
- 6 What are the responsibilities of a sociologist? 2
- 7 Why does society need social control? 2
- 8 Differentiate between in group and out group 2
- 9 What are the intellectual ideas went into the formation of sociology? 4
- 10 Differentiate between caste and class. 4

End of the Question Paper

Roll Number

SET

C



INDIAN SCHOOL MUSCAT
FIRST PERIODIC TEST
SOCIOLOGY (039)

CLASS: XI

Time Allotted: 50 Mins.

18.09.2022

Max. Marks: 20

GENERAL INSTRUCTIONS

1. All questions are compulsory.
2. Question no. 1 to 4 are objective type questions.
3. Question no. 5 to 8. They are very short answer type questions carrying 2 marks each. Answer to each question should not exceed 30 words.
4. Question no. 9 and 10. They are short answer type questions carrying 4 marks each. Answer to each question should not exceed 80 words each.

- 1 Who wrote the book 'Sociological Imagination'? 1
a. C.W. Mills b. August Comte c. Max Weber d. Karl Marx
- 2 Sociology as a 'Western Discipline' emerged in 1
a. Europe b. Africa c. America d. North India
- 3 The birth into a caste is a best example of _____ status. 1
- 4 _____ is an extreme form of inequality in which some individuals are literally owned by others. 1
- 5 Explain empirical studies. 2
- 6 What are the responsibilities of a sociologist? 2
- 7 Why does society need social control? 2
- 8 Differentiate between in group and out group 2
- 9 What are the intellectual ideas went into the formation of sociology? 4
- 10 Differentiate between caste and class. 4

End of the Question Paper

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SET

A



INDIAN SCHOOL MUSCAT
FIRST PERIODIC TEST
BUSINESS ADMINISTRATION (833)

CLASS: XI

18.09.2022

Time Allotted: 50 Mins.

Max. Marks: 20

GENERAL INSTRUCTIONS:

1. There are total 9 questions in all.
2. All questions are compulsory
3. Answer should be brief and to the point.

1. Give two examples of economic activities. 1
2. Priyanshu produces goods not for the purpose of sale but for personal consumption. Will it be a business activity? Why? 1
3. Define the term "Import". 1
4. Write down any two differences between internal trade and external trade. 2
5. Define the terms: 2
 - (i) Joint Stock Company and
 - (ii) Partnership
6. Describe briefly the role of profit in business. 2
7. What are the two major activities involved in management of business operations? 3
8. Jasvir is a farmer, his younger brother Ajit is a company secretary while his sister Geeta is a nurse in the hospital. Name economic activity in which they are engaged and explain those terms. 3
9. Explain the any five characteristics of business. 5

End of the Question Paper

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SET

B



INDIAN SCHOOL MUSCAT
FIRST PERIODIC TEST
BUSINESS ADMINISTRATION (833)

CLASS: XI

Time Allotted: 50 Mins.

18.09.2022

Max. Marks: 20

GENERAL INSTRUCTIONS:

1. There are total 9 questions in all.
2. All questions are compulsory
3. Answer should be brief and to the point.

1. Define the term "Auxiliaries to trade". 1
2. Mention two types of human activities. 1
3. Priyanshu produces goods not for the purpose of sale but for personal consumption. Will it be a business activity? Why? 1
4. Why business is considered an economic activity? 2
5. Explain the term extractive industries and give two examples. 2
6. Write down any two differences between wholesale trade and retail trade. 2
7. Jasvir is a farmer, his younger brother Ajit is a company secretary while his sister Geeta is a nurse in the hospital. Name economic activity in which they are engaged and explain those terms. 3
8. What are the two major activities involved in management of business operations? 3
9. Explain the any five characteristics of business. 5

End of the Question Paper

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| Roll Number | | |
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SET

C



INDIAN SCHOOL MUSCAT
FIRST PERIODIC TEST
BUSINESS ADMINISTRATION (833)

CLASS: XI

18.09.2022

Time Allotted: 50 Mins.

Max. Marks: 20

GENERAL INSTRUCTIONS:

1. There are total 9 questions in all.
2. All questions are compulsory
3. Answer should be brief and to the point.

1. A girl helping a blind woman to cross the road is an example of which activity. 1
2. Define the term "Trade". 1
3. Priyanshu produces goods not for the purpose of sale but for personal consumption. Will it be a business activity? Why? 1
4. Explain the term export and entreport. 2
5. Explain the term manufacturing industries and give two examples. 2
6. How profit is important for business? Explain 2
7. What are the two major activities involved in management of business operations? 3
8. Jasvir is a farmer, his younger brother Ajit is a company secretary while his sister Geeta is a nurse in the hospital. Name economic activity in which they are engaged and explain those terms. 3
9. Explain the any five characteristics of business. 5

End of the Question Paper

