

BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, PESHAWAR

Secondary School Certificate (S.S.C.) Examination 2019 · 10th (Fresh/Reappear)

Class 10th	CHEMISTRY	PR X (01) 19
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Time Allowed: 15 Minutes

SECTION - A

Marks: 12

Four circles are given against each question. Fill only the circle of the correct answer. Use a blue or black marker/pen. Filling more than one circle will be treated as a wrong answer.

1.	KHSO ₄ is a salt	☐ Basic	☐ Acidic	☐ Neutral	☐ Amphoteric
2.	Methane is the first member of....	☐ Alkane series	☐ Alkene series	☐ Carboxylic acids series	
3.	Carbon atom usually.....	☐ Forms four covalent bonds	☐ Gain four electrons	☐ Ionizes	
4.	Ethane reacts with chlorine in the presence of	☐ Carbon tetra chloride	☐ Ether	☐ Water	
5.	is a factor related to blood clotting.	☐ Vitamin A	☐ Vitamin B	☐ Vitamin C	☐ Vitamin K
6.	Ozone depletion causes.....	☐ Blood cancer	☐ Skin cancer	☐ Malaria	☐ T.B
7.	Carbohydrates like.....are used in manufacturing of cloths.	☐ Cotton	☐ Glycosides	☐ Proteins	☐ None of these
8.	Term lipid is derived from Greek word.....means fat.	☐ Cotton	☐ Lipose	☐ Peptide	☐ None of these
9.	The PH of acid rain is less than.....	☐ 14	☐ 10	☐ 7	☐ 5.6
10.	Dielectric constant of water at 18°C is.....	☐ 60	☐ 68	☐ 75	☐ 80
11.	Which one of the given diseases is caused by mercury?	☐ Parkinson	☐ Cholera	☐ Typhoid	☐ Hepatitis
12.	Number of carbon atoms in paraffin oil is.....	☐ 4 - 12	☐ 20 - 70	☐ 10 - 16	☐ 14 - 25

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For English Medium Students

Note: Time allowed for Section – B and Section – C is 2 Hours and 45 minutes.

Section – B

Marks: 32

Q-II Answer any EIGHT parts. Each part carries FOUR marks.

1. What is environmental chemistry?
2. Why H₂O is liquid at room temperature while H₂S is a gas?
3. What are Amphoteric substances?
4. Describe some of the sources and uses of carbohydrates.
5. List the physical properties of ozone.
6. What is Baeyer's test?
7. Write down the units of K_C.
8. Why the vital force theory was discarded?
9. What is Eutrophication? How does it pollute water?
10. What is metallurgy?
11. Write a short note on lipids.

Section – C

Marks: 21

Note: Attempt any THREE questions. All questions carry equal marks.

- Q-III** (a) Describe Neutralization. (4)
 (b) Give functions of nucleic acid. (3)
- Q-IV** (a) Bronsted and Lowry concept. (3)
 (b) What are the various sources of air pollution? (4)
- Q-V** (a) Conditions for equilibrium. (4)
 (b) What is heat capacity? (3)
- Q-VI** (a) What are the raw materials for manufacturing of sodium carbonate? (3)
 (b) Explain effects of acid rain. (4)

Transcribed and typeset by Tayarri from a publisher's scan of the board paper. The scan arrived with the correct options already shaded in; every option is given here unmarked. No answer key is included.

Section A's instructions are printed in Urdu on the original sheet; they are given here in English.

Board spellings and wording are kept exactly as printed.

English-medium file. The original sheets are bilingual: Section A prints each question in English and Urdu, and the subjective sheet carries a separate Urdu-medium Section B and C. Only the English medium is reproduced here.

Section A Q.12 is the one question with no option shaded in the scan. Section A Q.10's stem is partly under the watermark; "at 18°C" is confirmed by the Urdu line beneath it.

Section A is an original answer sheet with a candidate name/roll-number block, omitted here.

Verbatim board slips: "acid rain" (Q-VI(b)), "cloths", "Lipose", "The PH"; Section A Q.8 offers "Cotton" again as an option.