

GARWARE INSTITUTE OF CAREER EDUCATION & DEVELOPMENT

VIDYANAGRI, KALINA, SANTACRUZ (EAST) MUMBAI

Exam Questions Paper

Subject Name : BSC(PT)

Paper Set : 1

Exam Name : BSC(PT) ENTRANCE EXAM 14 JULY 2023

Exam Date : 14/07/2023

Duration : 01:20Hour

Max Marks : 50.00

Q 1. 2023 Men's Cricket World Cup Host country name is 2.00 Marks(Easy)

- A) USA B) China C) India
D) France

Q 2. Aromatic compound consists of 2.00 Marks(Easy)

- A) Compulsor unsaturated bond B) Compulsor saturated bond C) Both saturated and unsaturated bond
D) All of the above

Q 3. Asian Paint headquater in ? 2.00 Marks(Easy)

- A) Kashmir B) Mumbai C) Lucknow
D) Patna

Q 4. Atomic number of oxygen is 2.00 Marks(Easy)

- A) 3 B) 1 C) 8
D) 20

Q 5. Benzene has chemical formula of 2.00 Marks(Easy)

- A) C5H6 B) C6H6 C) C4H5
D) C6H4

Q 6. Benzene is 2.00 Marks(Easy)
A) Aromatic compound B) Hetrocyclic compound C) Aliphatic compound
D) All of the above

Q 7. Berger is the business of the following organization 2.00 Marks(Easy)
A) Food B) Paint C) Textile
D) Oil and Gas

Q 8. Capital of India is 2.00 Marks(Easy)
A) Mumbai B) Kolkata C) Lucknow
D) New Delhi

Q 9. Capital of Maharashtra 2.00 Marks(Easy)
A) Pune B) Mumbai C) Nashik
D) Nagpur

Q 10 Chemical formula of Glucose 2.00 Marks(Easy)
A) $C_6H_{11}O_5$ B) $C_6H_{12}O_6$ C) $C_2H_4O_5$
D) All of the above

Q 11 Chemical formula of potassium chloride 2.00 Marks(Easy)
A) KCl B) $NaOH$ C) KOH
D) H_2O

Q 12 Example of inert gas is 2.00 Marks(Easy)
A) Chlorine B) Helium C) Hydrogen
D) Oxygen

Q 13 Formula of Alkyne

2.00 Marks(Easy)

- A) C_nH_{2n+2} B) C_nH_{2n+1} C) C_nH_{2n-2}
D) All of the above
-

Q 14 Functional group of Aldehyde is

2.00 Marks(Easy)

- A) CHO B) OH C) NH₂
D) None of the above
-

Q 15 IUPAC name of methyl alcohol (CH₃OH)

2.00 Marks(Easy)

- A) Methanol B) Butanol C) Propanol
D) Ethenal
-

Q 16 Molecular weight of water is

2.00 Marks(Easy)

- A) 25 B) 18 C) 10
D) 32
-

Q 17 pH value of aqueous NaOH in water

2.00 Marks(Easy)

- A) 2 B) 7 C) 5
D) 10
-

Q 18 p-orbitals consists of how many electrons in their orbital?

2.00 Marks(Easy)

- A) 2 B) 8 C) 12
D) 6
-

Q 19 Rabindranath Tagore composed the Nation Anthem for _____

2.00 Marks(Easy)

- A) India and Bangladesh B) India and Pakistan C) India and China
D) India and Sri Lanka
-

Q 20 Sulphuric acid (H₂SO₄) is

2.00 Marks(Easy)

- A) Base
- B) Acid
- C) Amphoteric
- D) All of the above

Q 21 What is the name of compound H₂O₂?

2.00 Marks(Easy)

- A) Hydrogen dioxide
- B) Hydrogen peroxide
- C) Hydrogen tetroxide
- D) None of the above

Q 22 Which of the following is metal?

2.00 Marks(Easy)

- A) Carbon
- B) Helium
- C) Copper
- D) Chloride

Q 23 Which of the following is organic solvent

2.00 Marks(Easy)

- A) Toluene
- B) Ethanol
- C) Acetone
- D) All of the above

Q 24 Which one is most electronegative element?

2.00 Marks(Easy)

- A) Oxygen
- B) Carbon
- C) Chlorine
- D) Nitrogen

Q 25 Who hosts the flag on Independence Day at Delhi Fort?

2.00 Marks(Easy)

- A) President
- B) Chief Justice
- C) Prime Minister
- D) Vice President

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Exam Questions Paper

Subject Name : BSC(PT)

Paper Set : 1

Exam Name : BSC(PT) ENTRANCE EXAM 24 JUNE 2023

Exam Date : 24/06/2023

Duration : 01:20Hour

Max Marks : 50.00

Q 1. 0 degree Celsius = 2.00 Marks(Easy)

- A) 373.15 B) 173.15 C) 288.15
D) 273.15

Q 2. Aromatic compound consists of 2.00 Marks(Easy)

- A) Ring structure B) Straight chain C) Branched chain
D) All of the above

Q 3. Asian Paint is from which country? 2.00 Marks(Easy)

- A) India B) China C) Pakistan
D) USA

Q 4. Atomic number of hydrogen is 2.00 Marks(Easy)

- A) 3 B) 1 C) 5
D) 20

Q 5. Benzene has chemical formula of 2.00 Marks(Easy)

- A) C₅H₆ B) C₆H₆ C) C₄H₅
D) C₆H₄

Q 6. Chemical formula of sodium chloride 2.00 Marks(Easy)
A) KCl B) NaOH C) NaCl
D) H₂O

Q 7. Communication is a _____ process. 2.00 Marks(Easy)
A) Three-way B) Two-way C) Four-way
D) Five-way

Q 8. d-orbitals consists of how many electrons? 2.00 Marks(Easy)
A) 2 B) 8 C) 12
D) 10

Q 9. Formula of Alkane 2.00 Marks(Easy)
A) C_nH_{2n+2} B) C_nH_{2n+1} C) C_nH_{2n-2}
D) All of the above

Q 10 Full form of IUPAC 2.00 Marks(Easy)
A) International Union of Pure & Applied chemistry B) Indian Union of Pure & Applied chemistry C) International Union of Practical & applied chemistry
D) None of the above

Q 11 Functional group of acid is 2.00 Marks(Easy)
A) hydroxyl group B) Carboxylic group C) Carbonyl Group
D) Amino group

Q 12 Functional group present in Glucose is 2.00 Marks(Easy)
A) Ester B) Alcohol C) Ketone
D) Aldehyde

Q 13 How many periods & groups are there in periodic table? 2.00 Marks(Easy)

- A) 18 periods & 7 groups B) 14 periods & 6 groups C) 18 groups & 7 periods
D) 14 periods & 6 groups
-

Q 14 Kansai Nerolac is the business of the following organization 2.00 Marks(Easy)

- A) Automobile B) Paint C) Textile
D) Oil and Gas
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Q 15 Methane is 2.00 Marks(Easy)

- A) Aromatic compound B) Cyclic compound C) Aliphatic compound
D) All of the above
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Q 16 Molecular weight of HCl is 2.00 Marks(Easy)

- A) 36.5 B) 25.5 C) 35.5
D) 37
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Q 17 Molecular weight of water is 2.00 Marks(Easy)

- A) 25 B) 18 C) 10
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Q 18 pH value of hydrogen chloride in water 2.00 Marks(Easy)

- A) 2 B) 7 C) 14
D) 6
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Q 19 Raju age after 15 years will be 5 times his age 5 years back, What is the present age of Raju 2.00 Marks(Easy)

- A) 15 B) 12 C) 10
D) 20
-

Q 20 Unsaturated hydrocarbon must have -----

2.00 Marks(Easy)

- A) Single bonds B) Double bonds C) Triple bonds
D) All of the above
-

Q 21 What is the name of compound H₂O₂?

2.00 Marks(Easy)

- A) Hydrogen dioxide B) Hydrogen peroxide C) Hydrogen tetraoxide
D) None of the above
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Q 22 Which of the following is inorganic solvent

2.00 Marks(Easy)

- A) Water B) Ethanol C) Acetone
D) Toluene
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Q 23 Which of the following is metal?

2.00 Marks(Easy)

- A) Carbon B) Helium C) Iron
D) Chloride
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Q 24 Which one is Inert gas?

2.00 Marks(Easy)

- A) Oxygen B) Carbon C) Silicon
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Q 25 Who hosts the flag on Independence Day at Delhi Fort?

2.00 Marks(Easy)

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Exam Questions Paper

Subject Name : BSC(PT)

Paper Set : 1

Exam Name : BSC(PT) ENTRANCE EXAM MAY 2023

Exam Date : 17/05/2023

Duration : 01:10Hour

Max Marks : 50.00

Q 1. 0 degree Celsius = 2.00 Marks(Easy)

- A) 373.15 B) 173.15 C) 288.15
D) 273.15

Q 2. Aromatic compound consists of 2.00 Marks(Easy)

- A) Ring structure B) Straight chain C) Branched chain
D) All of the above

Q 3. Asian Paint is from which country? 2.00 Marks(Easy)

- A) India B) China C) Pakistan
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Q 4. Atomic number of hydrogen is 2.00 Marks(Easy)

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