

I. Choose the correct answer: 4x1=4

1. Aerenchyma is found in _____.
a) epiphytes b) hydrophytes c) halophytes d) xerophytes
2. Smooth muscles occur in _____.
a) uterus b) artery c) vein d) all the above
3. The response of a plant part towards gravity is
a) phototropism b) photonasty
c) geotropism d) chemotropism
4. Transpiration takes place through _____.
a) fruit b) seed c) flower d) stomata

II. Answer any five of the following: 5x2=10

5. Define transpiration.
6. Fill in the blanks:
a) The green pigment present in the plant is _____.
b) Plants take in carbon-di-oxide for photosynthesis but need _____ for their living.
7. Name the types of Tropism.
8. Draw and label the parts of stomata.
9. Match the following:
a) Sclereids - Phloem
b) Chloroplast - Collenchyma
c) Simple tissue - Chlorenchyma
d) Companion cell - Sclerenchyma
10. What is complex tissue?
11. Write the significance of Meiosis.
12. Write any two characteristic features of Meristematic tissues.

III. Answer any one in brief: 1x4=4

13. Write the difference between xylem and phloem.
14. Differentiate between tropic and nastic movements.

IV. Answer any one in detail: 1x7=7

15. How will you prove that starch is present in the leaves?
16. a) In which stage of mitosis the chromosomes align in an equatorial plate? How?
b) Which are not true cells in the blood? Why?

I. Choose the correct answer: 5x½=2½

1. The Deccan Sultanates were conquered by _____.
a) Ala-ud-din Khilji b) Ala-ud-din Bahman-Shah
c) Aurangzeb d) Malik Kafur

2. NOTA was introduced in the year _____.
a) 2012 b) 2013 c) 2014 d) 2015

3. Which Delhi Sultan of Medieval India formed 'Employment Bureau' to solve the unemployment problem?

- a) Muhamad Bin Tugluq b) Allauddin Khilji
c) Feroz Shah Tugluq d) Balban

4. We take age group _____ years for computation of the work force.

- a) 12-60 b) 21-65 c) 15-60 d) 5-14

5. Which among these is a public sector?

- a) BSNL b) TVS Motors c) Ashok Leyland d) TATA Steel

II. Match the following: 5x½=2½

6. a) Tertiary Sector - Court of Akbar
b) VVPAT - Banking
c) National Party - Transparency of election process
d) Tansen - Kottam
e) District - Seven

III. Fill in the blanks: 4x1=4

7. The combined forces of the five Deccan sultanates defeated Vijayanagar army in 1565 A.D (C.E) at the battle of _____.
8. _____ has always featured as an important element of development policy in India.

9. In India _____ party system is followed.
10. _____ was the enterprising period in the history of Tamil Nadu.

IV. Answer the following caption: 1x4=4

11. The arrival of the Europeans:
- Who controlled the spice trade from India?
 - What enabled the Portuguese to have control over maritime trade over the entire region.
 - How were the trading activities of the Europeans carried on in India?
 - Mention the enclaves of the Dutch, the English, the French and the Danes in India.

V. Answer any four of the following: 4x2=8

12. Distinguish between two-party system and the multi-party system.
13. Why are children and old age (above 60 years) are not considered for computation of workforce?
14. Who founded the Vijayanagar Kingdom? Mention the dynasties that ruled over the kingdom.
15. What is a pressure group?
16. What are the three sectors of an economy?
17. What were the factors which facilitated urbanization?
- VI. Answer any one of the following in detail: 1x4=4
18. Discuss the political changes during 1526-1707 A.D (C.E)
19. Discuss the Merits and Demerits of Direct elections.
20. Compare the employment conditions prevailing in the Organised and Unorganised sectors.

I. Choose the correct answer: 5x½=2½

1. _____ was the second stronghold of Ala-ud-din-Khilji's expanding kingdom.
- a) Delhi b) Daulatabad c) Madurai d) Bidar
2. Which Article of the constitution provides for an Election Commission?
- a) Article 280 b) Article 315 c) Article 324 d) Article 325
3. _____ sector provides job security and higher wages.
- a) Public Sector b) Organised Sector
- c) Unorganised Sector d) Private Sector
4. Krishnadeva Raya was a contemporary of _____.
- a) Babur b) Humayun c) Akbar d) Shershah
5. India has adapted the electoral system followed in the _____.
- a) USA b) Canada c) Russia d) United Kingdom

II. Fill in the blanks: 4x1=4

6. National voters day has been celebrated on _____.
7. Economic activities are classified into _____ and _____ sectors.
8. The nature of employment in India is _____.
9. _____ were Europeans who arrived on the west coast of India.

III. Match the following: 5x½=2½

10. a) Single party system - Goa
b) Public Sector - Poultry
c) Portuguese - Guru Nanak
d) Primary Sector - China
e) Sikhism - Service Motive

IV. Answer the following caption: 1x4=4

11. The arrival of the Europeans:

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V. Answer any four of the following: 4x2=8

- Write about the military expeditions of Malik Kafur.
- Give the meaning of a political party.
- Mention the two natural advantages that India had in cotton weaving.
- Agriculture, despite a sharp decline in Gross Domestic Product, continues to be the largest employer in Tamil Nadu. Give reason.
- What is labour force of the economy?
- What is sericulture?

VI. Answer any one of the following in detail: 1x4=4

- Distinguish between the public sector and the private sector.
- What are the functions of pressure groups in India?
- “Chola Period was an enterprising period in the history of Tamil Nadu” – Elucidate.

06.12.19 (AN) EVERWIN MATRIC. HR. SEC. SCHOOL Time: 45min.
Std: IX (G-L) SA-2 COMPREHENSIVE REVISION PROGRAMME (CRP)-II Marks: 25
CHEMISTRY - PART-II

I. Choose the correct answer: 4x1=4

- The element that would form union by gaining electrons in a chemical reaction is _____.
a) Potassium b) Calcium c) Fluorine d) Iron
- Oxidising agents are also called as _____ because they remove electrons form other substances.
a) Electron donors b) Electron acceptors
- If one reactant gets oxidised, the other gets reduced. Such reactions are called _____.
a) Oxidation b) Reduction c) Redox reactions d) None of these
- Bond formed between a metal and non-metal atom is usually _____.
a) Ionic bond b) Covalent bond
c) Coordinate bond d) Metallic bond

II. Answer any five of the following: 5x2=10

- Identify the following reactions as oxidation or reduction.
a) $\text{Na} \rightarrow \text{Na}^+ + e^-$
b) $\text{Fe}^{3+} + 2e^- \rightarrow \text{Fe}^+$
- Why are Noble gases inert in nature?
- Define “Rule of eight”
- Correct the wrong statements.
a) Covalent compounds conduct electricity in molten or solution state.
b) Ionic compounds dissolve in non polar solvents.

9. The property which is characteristics of an Ionic compound is that

- a) it often exists as gas at room temperature
- b) it is hard and brittle
- c) it undergoes molecular reactions
- d) it has low melting point.

10. Find the oxidation Number of H and O in H_2O .

11. Define chemical bond.

12. Give an example for each of the following statements.

- a) A compound in which two covalent bonds are formed.
- b) A compound in which Coordinate bond is formed.

III. Answer in brief: 1x4=4

13. Considering $MgCl_2$ as ionic compound and CH_4 as covalent compound give any two differences between these two compounds.

(or)

14. An atom X with atomic number 20 combines with atom Y with atomic Number 8. Draw the dot structure for the formation of the molecule XY.

IV. Answer in detail: 1x7=7

15. i) List down the differences between Ionic and Covalent Compound.
ii) What is Electro valency?

(or)

16. Find the oxidation number of the elements in the following compounds.

- a) C in CO_2 b) N in HNO_3 c) Mn in $MnSO_4$ d) Fe in $FeSO_4$