

CLASSIC STUDY ONE OF THE BEST ONLINE STUDY PLAT FORM

Name of Student	Class	Subject	Board	Test #	Total Marks	Obtained Marks
	10 th	Chemistry	(M.B)	Chapter :13 and 14	50	
Date : _____	Objective			Teacher Remarks		

Q.1:- Multiple choice Questions.

1	Which of the following is a disaccharide ?					
a	Glucose	b	Fructose	c	Sucrose	d Starch
2	When glucose and fructose combine they produce					
a	Starch	b	Cellulose	c	Sucrose	d None of these
3	Which one of following is a triglyceride?					
a	Carbohydrates	b	Proteins	c	Lipids	d Vitamins
4	Which one of the following vitamins is water soluble.					
a	Vitamin A	b	Vitamin D	c	Vitamin C	d Vitamin E
5	Which one of the following is fat soluble Vitamin:					
a	A	b	E	c	K	d All of these
6	Night blindness is because of deficiency of:					
a	Vitamin A	b	Vitamin D	c	Vitamin C	d Vitamin E
7	Deficiency of Vitamin E causes					
a	Rickets	b	Scurvy	c	Anemia in babies	d Night blindness
8	Pentahydroxy ketone is					
a	Fructose	b	Glucose	c	Ribose	d Sucrose
9	Glyceraldehydes is _____					
a	Tetrose	b	Pentose	c	Hexose	d Triose
10	Molecular formula of sucrose is					
a	C ₁₂ H ₂₄ O ₁₁	b	C ₁₂ H ₂₀ O ₁₀	c	C ₂₂ H ₂₄ O ₁₁	d C ₁₂ H ₂₂ O ₁₁
11	50% dry weight of cell is made up of _____					
a	Carbohydrates	b	Loids	c	Protein	d Nucleic acid
12	No. of amino acids in protein are:					
a	1000	b	More than 1000	c	less than 10,000	d More than 10,000
13	Hydroxyl is donated by during formation of peptide bond from amino acids					
a	Carboxylic group	b	Amino group	c	Alkyl group	d Alpha carbon
14	Hides are _____ by its chemical composition.					
a	Lipids	b	Proteins	c	Carbohydrates	d Nucleic acid
15	Gelatin is obtained by heating					
a	Fossil fuels	b	Lipids	c	Bones	d Muscles
16	Fate are composed of					
a	Fatty acid	b	Glycerol	c	Both a & b	d Amino acid
17	Palmatie acid is _____ carboxylic acids.					
a	Saturated	b	Unsaturated	c	May be saturated and unsaturated both	d None of above
18	Lipid are soluble is solvents except:					
a	Acetone	b	Chloroform	c	Benzene	d Water
19	Hydrogenation of vegetable oil in presence of nickel is taken place at T _____					
a	350-400°C	b	150-300 °C	c	250-500 °C	d 250-300 °C
20	Sugar present in Nucleotide is _____ carbon.					
a	3	b	4	c	5	d 6
21	All the genetic information that is transferred to next generation is stored by _____					
a	RNA	b	DNA	c	Nucleic acid	d Nucleotide
22	Accessory growth factors were Called to					
a	A	b	B	c	C	d D

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23	Water soluble vitamins are						
a	A,B and C	b	A and E	c	C and D	d	B and C
24	Which one of the following is not oligosaccharide						
a	Sucrose	b	Lactose	c	Maltose	d	Galactose
25	Lipids are esters of fatty acids with						
a	Ketones	b	Glycerol	c	Aldehyde	d	Halogens
26	About 99% atmosphere's mass lies within						
a	30 kilometer	b	35 kilometer	c	15 kilometer	d	11 kilometer
27	Which one of these pollutants are not found in car exhaust fumes?						
a	CO	b	O ₃	c	NO ₂	d	SO ₂
28	Our Earth has natural systems:						
a	2	b	3	c	4	d	1
29	Atmosphere is divided into regions						
a	1	b	4	c	2	d	3
30	The mass of atomosphere lies within 30km is						
a	80%	b	99%	c	75%	d	85%
31	In atmosphere the volume percent of nitrogen is						
a	70%	b	78%	c	21%	d	50%
32	In atmosphere, the volume percent of argon is						
a	0.03%	b	0.09%	c	0.93%	d	9.3%
33	Atmosphere contains volume percent of carbon dioxide						
a	0.3%	b	0.03%	c	20%	d	11%
34	On going upward, concentration of gases gradually						
a	Increases	b	Decreases	c	Constant	d	None
35	Depending on temperature variation atmosphere is divided into						
a	2 parts	b	3 parts	c	4 parts	d	None
36	On going upward the pressure of gases						
a	Decrease	b	Increased	c	Constant	d	None
37	Which of the following is nearest to Earth's surface:						
a	Mesosphere	b	Troposphere	c	Thermosphere	d	Stratosphere
38	Ozone layer lies in						
a	Mesosphere	b	Troposphere	c	Thermosphere	d	Stratosphere
39	Which of the following lies far from earth surface						
a	Mesosphere	b	Troposphere	c	Thermosphere	d	Stratosphere
40	Temperature range of stratosphere is						
a	17 to – 58 °C	b	-58 °C to 2 °C	c	2 to -93 °C	d	7-93 °C
41	Temperature in thermosphere is						
a	Maximum	b	Minimum	c	Constant	d	None
42	All weathers occur in						
a	Mesosphere	b	Troposphere	c	Thermosphere	d	Stratosphere
43	A waste material that pollutes air, water or soil is called						
a	Waste	b	Pollutant	c	Garbage	d	Pollution
44	Which of the following is secondary pollutant						
a	Ozone	b	CH ₄	c	SO ₂ & SO ₃	d	CO & CO ₂
45	Which of the following causes green houses effect						
a	CO ₂	b	NH ₃	c	CO	d	H ₂
46	Which gas is health hazard , colorless, odourless and bind with blood hemoglobin						
a	CO ₂	b	CO	c	NO ₂	d	NH ₃
47	Normal rain has pH						
a	1	b	2	c	6	d	13
48	Acidic rain has pH						
a	4	b	1	c	7	d	14
49	The combustion of coal and petroleum products released SO ₂ about.						

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a	100%	b	80%	c	10%	d	40%
50	Which metal cloge the fich gill						
a	Al	b	Fe	c	Ca	d	Mg

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	10 th	Chemistry	(M.B)	Chapter : 13 and 14	80	
Date :	Subjective			Teacher Remarks		

Q.2:- Write short answers of the following question. (2 x 25 = 50).

1. Define Biochemistry ?
2. What are macromolecules?
3. Give briefly significance of macromolecules?
4. Define Carbohydrates and give its general formula?
5. Give properties of monosaccharide’s?
6. What is sucrose ? How it is hydrolysed?
7. Explain briefly uses of carbohydrates?
8. What is proteins?
9. Elaborate significance of proteins?
- 10.What are fatty acids. Give molecular formula of palmitic and stearic acid?
- 11.How genetic diseases occur?
- 12.Give function of RNA?
- 13.How cancer occur ?
- 14.What is the significance of dextrose in drips?
- 15.What do you mean by atmosphere?
- 16.Name the major constituents of troposphere?
- 17.Give the names of layers of atmosphere?
- 18.Where can we smell ozone?
- 19.Name three primary air pollutants?
- 20.Why flood risks are increasing?
- 21.How sulphur containing compounds are emitted naturally?
- 22.Why acid rain damages buildings?
- 23.What do you mean by ozone hole?
- 24.What are the effects of ozone depletion on humans?
- 25.What are secondary pollutants?

Section –C

Note: Write long answers of the following question. (10 x 3 =30)

- Q.3: (a) What are Nucleic Acids? Describe structure and function of DNA and RNA.
- (b) What are dextrose solution ? give their composition and use.
- Q.4:(a) Give commercial uses of enzymes.
- (b)Compounds of sulphur are air pollutants describe the sources of these compounds along with their effect.
- Q.5: (a) How government can play role to control pollution?
- (b) Define acid rain. How it forms and what are its effects?

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