Atomic Energy Central School - 5, Mumbai

Periodic Test - 1, Session: 2023-24

Class: VIII Subject: SCIENCE

Time: 90 min Max. Marks: 40

General Instructions:

- 1. This question paper consists of four sections A, B, C, D.
- 2. Section A has 20 MCQs questions & each question carries 1 mark.
- 3. Section B has 3 questions and each question carries 2 marks.
- 4. Section C has 3 questions and each question carries 3 marks.
- 5. Section D has 1 question and carries 5 marks.
- 6. Draw a neat labelled diagram wherever necessary.
- 7. All the question are compulsory.

		SECTION – A					
MCQs:		(1x20=20).					
 Cholera is caused l a. Virus 	by b. bacteria	c. fungus	d. Alga				
2. Seed drill is used for							
a. harvesting	b. wedding	c. sowing	d. filling				
3. Which is not a kharif crop?							
a. paddy	b. maize	c. cotton	d. pea				
4.The microorganism which contains chlorophyll is							
a. virus	b. alga	c. fungus	d. all				
5 carrier of malaria causing pathogen is							
a. cockroach	b. butterfly c. fe	emale anopheles	d. housefly				
6. alcohol is produced with the help of							
a. yeast	b. nitrogen	c. carbon dioxide	d. sodium chloride				
7. Conversion of vegetation into coal is called as							
a. distillation	b. carbonizat	tion c. coal gas	d. natural gas				
8. Name the petroleum product used for surfacing of roads							
a. coke	b. petrol	c. bitumen	d. paraffin wax				
9. The first step before growing crop is							

a. Preparation of soil	b. levelling	c. harvesting	d. sowing				
10. Least polluting fuel for vehicle is							
a. coke	b. petrol	c. CNG	d. diesel				
11. Which one is not a coal prod	duct						
a. coal tar	b. coal gas	c. coke	d. lime				
12. The process of separation o	f grain from the chef aft	ter harvesting is kno	wn as				
a. Winnowing	b. threshing	c. spraying	d. weeding				
13.which bacteria help in settling of curd							
a. rhizobium	b. azotobacter	c. lactobacillus	d. bacillus				
14. Assertion (A)-farmers have	to add manual to the fie	elds to replenish the	soil with the nutrients.				
Reason (R)- Continuous cultivation of crops makes the soil rich in nutrient.							
a. Both A and R are true and R is the correct explanation of A.							
b. Both A and R are true but R is not the correct explanation of A.							
c. A is true but R is false.							
d. A is false but R is true	d. A is false but R is true.						
15. Assertion (A)-Bacteria and f	ungus are used to make	medicines.					
Reason (R)-These medicines	kill or stop the growth	of disease-causing n	nicroorganisms.				
a. Both A and R are true	e and R is the correct ex	planation of A.					
b. Both A and R are true	e but R is not the correc	t explanation of A.					
c. A is true but R is false	2.						
d. A is false but R is true	е.						
16. CNG is obtained when:							
a. natural gas is subject to low pressure		b. natural gas is subject to high pressure					
c. butane gas is subject	to high pressure	d. none of the abo	ve				
Read the following paragraph and answer the question number 17 to 20.							
The supply of water to crops at different intervals of irrigation. The time and frequency of irrigation varies							
From crop to crop, soil to soil and season to season. In summer, the frequency of watering is higher.							
Sources of irrigation: The sources of irrigation are wells, tube-wells, ponds, lakes, dams and canals.							
17. Which one of the following is a traditional method of irrigation?							
a. Sprinkler system	b. drip system	c. dhekli	d. all				

18. Which method is used	in uneven land where less v	water is available?		
a. drip system	b. sprinkler system	c. lever system	d. pulley system	
19.Water is essential for cr	ops			
a. for the germina	tion	b. for the transport of nutrients.		
c. to protect from frost and hot air		d. all of the above.		
20. Which of the following	is not a method of irrigatio	n?		
a. well	b. forest	c. canals	d. dams	
	SEC	CTION – B		
II. Answer the following	(2x3=6).			
21. What is Pasteurizatio	n?			
22. What is Animal Hush	pandry?			
23. Write any two differen	ences between manure an	d fertilizer?		
	SEC	CTION – C		
III. Answer the following	(3x3=9).			
24. (a). Draw a diagram	of any protozoa and name	e it.		
(b). Write any two us	es of micro-organism.			
25. How a vaccine works	s?			
26. Name the micro-orga	nism which causes chick	en pox, malaria and t	uberculosis.	
		CTION – D		
IV. Answer the following 27.(a). Define fossil fuel.	~ -		(1+2+2=5).	
(b). Define natural res	sources and its type.			
(c). Draw the labelled	diagram to show petrole	um and natural gas d	eposition.	