



RAMAN SPACE MANTHAN

2025-26

Standard:- V

Name:- _____

Std:- _____

Roll no:- _____

School Name:- _____

INSTRUCTIONS

- Total questions 100 each carries 4 mark
- There is a negative marking as -1
- Total exam time 2 hour.
- Don't mark anything on the question paper

1. Fossil fuels formed over a long period of time when heat and pressure were applied to

- A. Nitrogen mixed in the water
- B. Organisms buried in the ground
- C. Carbon filtered through limestone
- D. Bacteria on top of the mud

2. Select the option that groups rocks of two different kinds as shown in the box.

Sandstone: pumice

- A. Granite: Obsidian
- B. Shale: Limestone
- C. Salt: Marble
- D. Conglomerate: Obsidian

3. Select the correct statement out of the following

- A. Sandy soil needs regular addition of fertilizer as it holds a large amount of water.
- B. Loamy soil has good qualities of both sandy and clayey soil and thus is most suitable for pottery.
- C. Clayey soil develops cracks in hot weather causing harm to the roots of plants, thus is not suited for agriculture.
- D. The water holding capacity is highest in clayey soil and lowest in loamy soil.

4. Plants are living. There are a lot of biochemical reactions occurring in them, Which of the following reaction is light dependent?

- A. Excretion
- B. Respiration
- C. Photosynthesis
- D. Digestion

5. Kitchen of plant refers to which part of plant

- A. Leaf
- B. Stem
- C. Root
- D. Flower

6. The development of seed into seedling which further develops to plant is called

- A. Conservation
- B. Seed dispersal
- C. Germination
- D. none of these

7. Which of the following is harmful for crops?

- A. Rainfall
- B. Morning
- C. Hails
- D. Sunlight

8. Which of the following from given crops may be grouped as Rabi crops?

- (i) Pwadish
- (ii) Mustard
- (iii) Wheat
- (iv) Watermelon
- (v) Paddy

- A. (i), (iii) and (iii) only B. (i), (ii) and (iv) only
C. (iii), (iv) and (v) only D. (i), (iii) and (v) only

9. What would you plant in soil to get a new rose plant in your garden?

- A. Bud B. Stem
C. Leaves D. Root

10. Read the given statements carefully and find the correct answer.

Statement 1: All plants have fruits that produce a large number of seeds.

Statement 2: Some plants reproduce by vegetative propagation.

- A. 1 is correct 2 is incorrect B. Both 1 and 2 are correct
C. Both 1 and 2 are incorrect D. 2 is correct, 1 is incorrect

11. Photosynthesis in plant does not require?

- A. Water B. Carbon dioxide
C. Sunlight D. Oxygen

12. The seeds dispersed by air/wind will have

- A. Stick, hooks or spikes B. Spongy
C. Hair or wings D. all of these

13. Given below are adaptation of aquatic animals.

- 1. A streamlined body
- 2. Breathing tubes
- 3. Webbed feet
- 4. Gills
- 5. Fins

- A. only 1, 2 and 5 B. only 1, 3 and 5
C. only 1, 2, 3 and 5 D. 1, 2, 3, 4 and 5

14. Camouflage phenomena is seen in which one of the following animals?

- A. Chameleon B. Snowy
C. Whale D. Polar bear

15. Which of the following animals have the strongest sense of smell?

- A. Bats B. Cats
C. Dogs D. Monkey

16. Features of birds are-

1. Their body shape
2. Smooth waxy feature
3. Hollow bones
4. Beaks

Which are flight adaptations?

- A. only 1 and 2 B. only 3 and 4
C. only 1, 2 and 3 D. 1, 2, 3 and 4

17. Poisonous teeth of snakes are called

- A. Feet B. Fangs
C. Fins D. none of these

18. Which of the following animals use echolocation?

- A. Bats B. Dolphin
C. both of these D. none of these

19. Plant: Producer :: Animal: _____.

- A. Consumer B. Producer
C. Decomposer D. Jungle

20. Plant: Flower :: Animals: _____.

- A. Herbivore B. Carnivore
C. Fauna D. Decomposers

21. How many biomes are there?

- A. Five B. Four
C. Three D. Six

22. What are those plants and animals called that get their energy from other things?

- A. Producers B. Herbivores
C. Decomposers D. Consumers

23. Which part of the food chain only eats meat?

- A. Herbivore B. Carnivore
C. Producer D. Decomposer

24. _____ is the largest biome.

- A. Taiga B. Tropical rainforest
C. Desert D. Tundra

25. What is the habitat of whale?

- A. Air B. Ocean
C. Mountain D. Forest

26. What is the living part of an ecosystem called?
A. Producer B. Country
C. Factory D. Community
27. Which of the following is not a type of organism in the food chain?
A. Producer B. Cons
C. Survivor D. Decomposer
28. In the food chain, plants are the _____.
A. Producers B. Consumers
C. Decomposers D. none of the above
29. Select the incorrect statement out of the following.
A. Spices are obtained from plants.
B. Eating less amount of fiber rich food can lead to constipation.
C. Skull has no joints and encloses the brain.
D. Night blindness is caused by deficiency of vitamin A
30. In case of heat stroke, what should be done immediately?
A. cover the patient with any cloth, preferably with woolen cloth.
B. Given the patient a solution of salt, sugar and lime or preferably juice of an Unripe mango.
C. Make the patient lie down in a sunny place.
D. Given hot tea or coffee to the patient.
31. _____ nerves carry messages from the sense organs to the brain or spinal cord only while _____ nerves carry message from the brain or spinal cord to the organs only.
A. Mixed, Sensory B. Motor, Mixed
C. Sensory, Motor D. Motor, Sensory
32. X help in the formation of teeth and bones. Select the option that gives name of X on unscrambling.
A. ONRI B. IALCCUM
C. ULUSPHR D. PPECOR
33. When a person faints, you should _____.
A. Wrap him in a blanket B. Wrap his feet in ice pack
C. Tie a bandage around his head D. none of these
34. Neha lives in a hostel and has six roommate. Out of them four fell ill. Which of them can make Neha fall ill?
A. Rati who has Anaemia B. Sashi who scurvy
C. Nidhi who developed a dust allergy D. Swati who has cold

35. While brushing, Rohit's gums bleed. He is also feeling wobbly teeth, is tired most of the time and has pain in the joints. Select the disease he is suffering from and its cause?
- A. Ricket, deficiency of vitamin D B. Anaemia, deficiency of vitamin A
C. Scurvy, deficiency of vitamin C D. Beri beri, deficiency of vitamin B
36. A spoiled food is:
- A. very tasty B. very hot
C. not fit for eating D. very healthy
37. The food gets spoiled by attack of:
- A. Bacteria B. mold
C. Yeast D. all of these
38. Storage of food in low temperature:
- A. prevents spoilage of food B. make food more healthy
C. makes food tastier D. none of these
39. When the food gets spoiled, there is change in:
- A. odor B. colour and appearance
C. Flavour D. any of these
40. We keep food in refrigerator :
- A. because it does not look good outside
B. it occupies a lot space outside
C. the food gets spoiled at a faster rate in warm places
D. all of these
41. Food like cereals and pulses should be kept in _____.
- A. Airtight containers B. in tumblers
C. inside the cupboard D. any where
42. Rickets is caused due to deficiency of _____
- A. vitamin B₁ B. vitamin D
C. vitamin C D. vitamin B₃
43. Deficiency of vitamin B₁ cause disease _____.
- A. Beriberi B pellagra
C. Scurvy D. kwashiorkor
44. Citrus fruits mainly contain _____.
- A. Proteins B. carbohydrates
C. Fats D. vitamin C

45. In today's life of multistoried apartments life, fire is a big problem and dangerous. All the apartments install smoke alarm, because it
- A. Senses heat when a fire is small
 - B. Detects a fire and call the fire services
 - C. Detect smoke when the fire is small and sound a loud noise to awake the occupant.
 - D. Detects flash before the fire damage
46. Road safety recommends
- A. Drunken driving
 - b B. Red light jumping
 - C. Abiding speed limit
 - D. Violating lane driving
47. Red light in traffic signal tells.
- A. to stop
 - B. to go
 - C. to wait
 - D. none of these
48. Accident prone activity/ies is / are
- A. roadside play
 - B. flying kite on rooftop
 - C. fetching an object by jumping
 - D. all of these
49. Fire can be put off by the ways"
- A. Removal of the burning material.
 - B. Cutting the supply of air.
 - C. Cooling the burning material below ignition temperature.
 - D. all of the above
50. Ramesh has got an injury while playing in the ground. Regarding first aid what should be done?
- A. wash away all dirt and dust from the wound
 - B. cleaning with antiseptic solution
 - C. application of sterile bandage
 - D. all of these
51. Which of the following is a rock?
- A. Marble
 - B. Basalt
 - C. Granite
 - D. all of these
52. Which of the following is an aeroplane fuel?
- A. Nuclear energy
 - B. Solar energy
 - C. Natural gas
 - D. Petrol.
53. Which of the following agents is responsible for the continuous heating and cooling of rock and that finally leads to the soil formation?
- A. Air and water
 - B. Plants and trees
 - C. Sunlight and rain
 - D. Plants and animals

54. Water, minerals, coal and petroleum are
- A. Artificial resources
 - B. Future resources
 - C. Natural resources underground
 - D. Natural resources on earth surface
55. Which of the following is igneous rock
- A. Basalt
 - B. Quartzite
 - C. Slate
 - D. all of these
56. Petroleum is formed deep inside the earth in millions of years by
- A. Bacteria and fungi
 - B. Dead plants and animals
 - C. Rock and minerals
 - D. none of these
57. The most beautiful monument of the world the Taj Mahal is made up of
- A. Marble, a sedimentary rock
 - B. sand stone an igneous rock
 - C. Graphite an igneous rock
 - D. Marble a metamorphic rock
58. Which among the following factors is not responsible for soil erosion?
- A. Ploughing of hill slopes
 - B. Overgrazing by cattles
 - C. Floods
 - D. none of these
59. Tall mud walls built on the sides of the rivers, to conserve soil are called:
- A. valleys
 - B. Terraces
 - C. Bunds
 - D. Bunds
60. Which among the following is not a type of rock?
- A. Igneous
 - B. Sedimentary
 - C. Lava
 - D. Metamorphic
61. When the earth day is celebrated?
- A. 24 April
 - B. 5 June
 - C. 22 April
 - D. 29 June
62. Soil erosion can be prevented by:
- A. Terrace farming
 - B. Afforestation
 - C. Building bunds
 - D. all the above
63. Which among the following is an example of metamorphic rock?
- A. Sandstone
 - B. Limestone
 - C. Marble
 - D. Shale
64. About 95 per cent of earth's crust is made up of which rocks?
- A. Sedimentary rock
 - B. Igneous rocks
 - C. Metamorphic rocks
 - D. all the above
65. _____ is porous and formed from lava.
- A. Sandstone
 - B. Pumice
 - C. Granite
 - D. Obsidian

77. Which of the following has been in space for record highest time for a women?
- A. Kalpana Chawla B. Christina Koch
C. Sally Ride D. Valentina
78. The height of tides vary with phases of moon the highest tides occur at the times of
- A. New moon B. Full moon
C. Crescent moon D. both A and B
79. The model of earth is called
- A. world map B. both A and C
C. Globe D. none of these
80. The first man made satellite was
- A. Apple B. Google
C. Aryabhata D. Sputnik 1
81. What is / are not present in space?
- A. Gravity B. Water
C. Food D. all of these
82. Which of the following is a constellation?
- A. Big dipper B. Ursa major
C. Ursa minor D. all of these
83. What is the name of the galaxy in which we live?
- A. Milky way B. Andromeda
C. Orion D. all of these
84. Pick the odd one out.
- A. friction B. weight
C. energy D. Air resistance
85. A simple machine
- A. improves the movement only
B. Do more work with less effort
C. Change the direction of forces in all situation
D. all of these
86. Stapler belongs to which class of lever
- A. Class I lever B. Class II lever
C. Class III lever D. Inclined plane
87. A ramp is a good example of
- A. A lever B. A wedge
C. A screw D. An inclined plane

88. Which of the following form of energy is required to boil the water?
A. Electric energy B. Heat energy
C. Mechanical energy D. all of these
89. _____ is a colorless and odourless gas which is used in making light bulbs.
A. Air B. Oxygen
C. Argon D. Hydrogen
90. Which among the following is not a layer of the atmosphere?
A. Exosphere B. Lithosphere
C. Mesosphere D. Troposphere
91. Which of the following is not a property of air?
A. Air exerts pressure
B. Air has weight
C. Air is biotic component of environment
D. Air occupies space
92. _____ holds the layer of air around the earth.
A. Friction B. Electricity
C. Gravity D. Ultraviolet rays
93. Which among the following is not a process of removing insoluble impurities from water?
A. Filtration B. Sedimentation
C. Evaporation D. none of these
94. A process, in which alum is added to muddy water to separate suspended dirt particles.
A. Unloading B. Loading
C. Evaporation D. Filtration
95. Crystals are used to kill germs present in water.
A. Ammonia B. Potassium permanganate
C. Sugar D. Calcium
96. Which of the following plant is an insect eating plant?
A. Cotton plant B. Pitcher plant
C. Bamboo plant D. Watermelon
97. Which of the following pairs shows the correct match of seed its means of dispersal.
A. Coconut – Animal B. Pomegranate – water
C. Cotton seeds - Air D. Pea – Animal

98. Following plants are of medicinal value, except

- A. Aloe vera
- B. Basil
- C. Ashwgandha
- D. Mango

99. Which of the following plant(s) is / are source of cooking oil

- A. sunflower
- B. Groundnut
- C. Coconut
- D. all of these

100. Which of the following is / are agent(s) of dispersal?

- A. Air
- B. Water
- C. Animal
- D. all of these

Best of luck.....

