

INTERNATIONAL STAR ASSESSMENT MONITORING LEARNER'S PROGRESS



GRADE 6 - YEAR 2025

{6}

INTEGRATED SCIENCE

1. Which of the following parts of a plant helps in making plant food?
 A. Stem
 B. Leaves
 C. Roots
 D. Flower
2. What do you call the type of tooth shown below?



- A. Molar
 B. Canine
 C. Incisor
 D. Pre-molar
3. Which among the following wastes cannot decompose?
 A. Food remains
 B. Animal waste
 C. Banana peels
 D. E-waste
4. The following are in the groups of acids except
 A. grapes
 B. oranges
 C. wood ash
 D. lemons
5. Which part of human skeleton protects the spinal cord?
 A. Skull
 B. Backbone
 C. Ribcage
 D. Limb bone
6. A grade 5 learner was warming herself near a fire. How did the heat from the fire reach her feet?
 A. Conduction
 B. Convection
 C. Radiation
 D. Conduction and radiation
7. The phase of the moon drawn below is



- A. new moon
 B. full moon

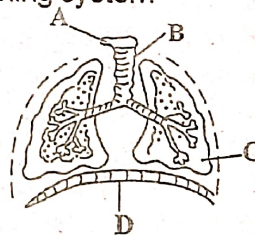
- C. crescent
 D. last quarter
8. The following are characteristics of certain clouds
 i) Look like bundles of cotton wool
 ii) Dark grey in colour
 iii) Found high in the sky
 iv) Appear in layers
 v) Bring heavy rain

Among the following which are characteristics of cumulus clouds?

- A. i and ii
 B. i and iii
 C. iii and iv
 D. i and v
9. The diagram below shows a certain example of fungi. Identify the fungi



- A. Yeast
 B. Mushroom
 C. Puffballs
 D. Bread mould
10. Which among the following animals is a mammal?
 A. Dolphin
 B. Turtle
 C. Crocodile
 D. Lizard
11. The sense organ for feeling is
 A. taste
 B. nose
 C. skin
 D. tongue
12. The diagram below shows the human breathing system

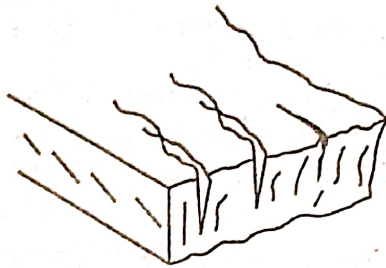


The part labelled D is called _____

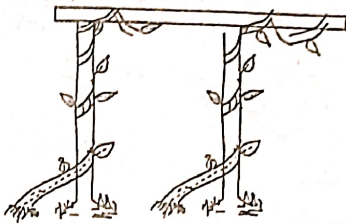
- A. lungs
 B. nose
 C. trachea
 D. diaphragm

13. Air enters the breathing system through the _____
 A. nose B. mouth
 C. lungs D. trachea
14. The following are signs and symptoms of tuberculosis except
 A. night sweat B. fatigue
 C. fever D. mild headache
15. The following are parts of human digestive system. Where does absorption of digested food takes place?
 A. Large intestine B. Mouth
 C. Small intestine D. Rectum
16. During a nature walk, a grade 6 learners observed a plant with the following characteristics
 - small in size
 - Has soft green stem
 Which plant was observed?
 A. Mint B. Orange
 C. Rose plant D. Nappier grass
17. Which of the following is both the function of roots and stems?
 A. Exchange of gases
 B. Food storage
 C. Absorption of water
 D. Anchorage of plants
18. During a nature walk, grade 6 learners collected samples of animals without backbone. Which animals did they collect?
 Lizard, ladybird, locust, tick
 B. Ladybird, cocroach, bat, lice
 C. Locust, cricket, coacroach, gecko
 D. Ladybird, cricket, locust, lice
19. Which function of the human skeleton is affected when one breaks his or her leg?
 A. Storage of fats
 B. Protection of internal parts of the body
 C. Storage of minerals
 D. Movement
20. Which one of the following parts of the breathing system takes in oxygen and takes out carbon dioxide that the body does not need?
 A. Trachea B. Lungs
 C. Diaphragm D. Nose
21. The following are safety measures to observe when using gardening tools and equipment except
 A. wearing gloves when working outside
 B. using the tool when you are near other people
 C. children not handling farm chemicals
 D. using the right tool for the right job
22. Which one of the following is not an indigenous food crop?
 A. Spider weed
 B. Sorghum
 C. Black nightshade
 D. Rice
23. _____ is one way of taking care of young climbing fruit plant
 A. Uprooting
 B. Watering
 C. Planting
 D. Harvesting
24. Which one of the domestic animals can be kept as pets to provide beauty at home?
 A. Pig B. Bee
 C. Rabbit D. Dog
25. What do you call the excess water that flows on the ground surface after heavy rainfall?
 A. Run off
 B. Water excess
 C. Eroded water
 D. Soil erosion
26. Which one of the following statements is false?
 A. Crops planted using organic waste pit are healthy
 B. Decomposed organic waste material can make the soil more fertile
 C. An organic waste pit can be used to recycle kitchen wastes
 D. Materials that do not decay can be dumped in an organic waste pit
- 29.
30. R
 tra
 ref
 A.
 C.
31. Wh
 sco
 A. J
 B. V
 C. P
 D. S

27. Identify the types of soil erosion shown below



- A. Gully erosion B. Rill erosion
C. Sheet erosion D. splash erosion
28. Identify the activity that has been done in the diagram below to care for the young climbing fruit plant



- A. training
B. use of protective structure
C. shading
D. watering
29. Which one of the following statements correctly describes harvesting of fruits from climbing fruit plants?
- A. Using a ladder to reach the fruits of tall climbing plant
B. Pulling the fruits from branches with a lot of force
C. Falling off of fruits is the best way of identifying fruits to harvest
D. Tender fruits should be thrown into the buckets
30. Replacing the seedlings that dry up after transplanting with young healthy ones is referred to as _____
- A. gapping B. thinning
C. hardening off D. pruning
31. Which of the following tools is used to scoop soil from soil deposits?
- A. Jembe
B. Wheelbarrow
C. Panga
D. Spade

32. A part from soil recovery we can also conserve soil by
- A. digging at the slopes
B. Adding water soil
C. Adding organic manure
D. Adding small stones
33. We can add the following in a compost pit except
- A. wood pallets
B. organic wastes
C. leaves
D. iron fillings
34. When organic waste material decays, they release _____ that are good for plant growth
- A. water
B. nutrients
C. salt
D. wood ash
35. The following are vegetables that can easily grow in our farm except
- A. carrots
B. kales
C. cabbage
D. maize
36. What do you call the stage of life between early childhood and adolescence?
- A. Adulthood
B. Childhood
C. Pre-teen
D. Puberty
37. A good advertisement should have all the following except
- A. locations where to find the items
B. prices of items
C. attractive pictures and colours
D. long and not convincing messages
38. Which one of the following foods does not have vitamins?
- A. Ripe bananas
B. Tomato
C. Liver
D. Kales

39. Identify the following material that is used in preservation of cereals and pulse



- A. granary B. silo
C. hermetic bag D. nylon bag
40. The following foods can be cooked using dry fat frying method **except** _____
A. eggs B. pork
C. beef D. termites
41. Doctor Neema advised Saruni to take foods rich in fibre, drink a lot of water and exercise regularly. What nutritional deficiency disorder was Saruni suffering from?
A. Nutritional anaemia
B. Constipation
C. Goitre
D. Obesity
42. _____ is the process of providing food necessary for good health and growth.
A. Eating
B. Supplementation.
C. Nutrition
D. Diet
43. Which among the following stitches is a permanent joining stitch in clothing construction?
A. Loop stitch
B. Back stitch
C. Hemming stitch
D. Tacking stitch
44. Why do you think it is important to soak plastic utensils in warm soapy water before cleaning?
A. To remove food remains
B. To remove soap
C. To loosen grease dirt
D. To stick grease dirt

45. The following are importance of preserving cereals and pulse except
A. for future use
B. to prevent them from getting spoilt
C. to prevent wastage
D. To reduce their nutritional value
46. The following are importance of preserving cereals and pulse except
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B. to prevent them from getting spilt
C. to prevent wastage
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47. The farming practice that conserves water in the soil by laying plant materials on the soil surface is commonly referred to as _____
A. cover cropping
B. mulching
C. fencing
D. shading
48. The following foods are rich in iron except
A. milk
B. liver
C. beetroot
D. green leafy vegetables
49. Which of the is not a method of preserving meat?
A. smoking B. sundrying
C. steaming D. salting
50. The following are steps that are followed when transporting seedlings to a seedbed
i) *Packing the soil down well around the roots*
ii) *Watering the mixing of manure and soil*
iii) *Digging holes*
iv) *Adding compost manure to the soil*
v) *Placing the seedlings in the holes*
Which one of the following shows the correct order from the first step to the last?
A. i, ii, iii, iv, v B. iii, iv, ii, v, i
C. iii, i, iv, v, ii D. iii, iv, v, ii, i