

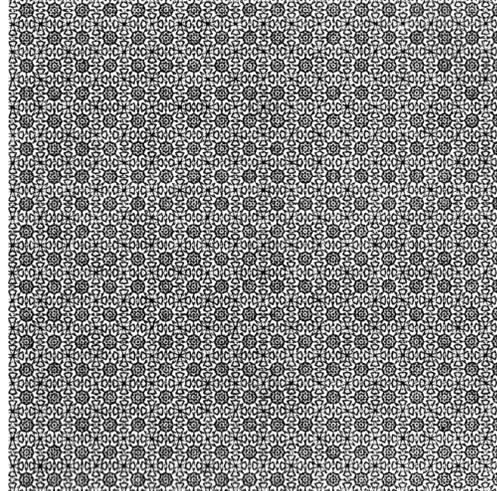
INSTRUCTIONS TO CANDIDATES

The Candidate shall

1. Produce the admission card on demand to competent authorities during the examination.
2. Enter the seat number and other particulars in the space provided on every main answer book and supplement.
3. Verify that the Block Supervisor has signed in the appropriate space on the main answer book and also the supplements.
4. Not be allowed to leave the examination hall during the first ONE HOUR and also the last TEN minutes of the examination.
5. Not damage/scribble the seat no./ barcode sticker.
6. Not indulge in any malpractice like.
 - Carrying written material into the examination hall.
 - Communicating in any manner with other candidates in the examination hall.
 - Passing slips of paper, answer book or supplements to other candidates.
 - Impersonating another candidates.
 - Attaching currency notes to the answer books.
 - Copying from another candidate or vice versa.
 - Leaving the examination hall without submitting answer book to the supervisor.
 - Using of coloured thread to tie answer books.
7. Abide by the rules of dicipline.
8. Stop writing on the answer book after the ringing of the final bell.
9. Stick the hollow craft sticker on the main answer book as well as on the supplement after the final bell.
10. Not leave the seat till all answer books are collected and counted by the supervisor.

NOTE :

Candidate shall be liable for penalty imposed by the board for the violation of any or all of the above clauses.



Pg No.	Examiner	Moderator	Chief Moderator
03			
04 & 05			
06 & 07			
08 & 09			
10 & 11			
12 & 13			
14 & 15			
16 & 17			
18 & 19			
20 & 21			
22 & 23			
24			
TOTAL			
Total in words			
Apptt. No.			
Sign			
Verification			

2025 III 15

0930

Marks	E	M	CM	3
Pg. 3				

Time : 3 Hours

GENERAL SCIENCE (E)

(CWSN)

Subject Code

S	2	0	3	5
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Total No. of Questions : 70 (Printed Pages : 24) Maximum Marks : 70

INSTRUCTIONS : Read the following instructions carefully and strictly follow them :

- (i) There are 70 questions in the question paper. All questions are compulsory.
- (ii) Each question carries *one* mark.
- (iii) There is no overall choice in the question paper.
- (iv) In addition to this, separate instructions are given for each question wherever necessary.
- (v) *All* questions are compulsory.
- (vi) The answers are to be entered in the space provided on the question paper.
- (vii) Figures to the right indicate full marks.

1. Rancidity is an reaction. 1

- oxidation
- reduction
- decomposition

Ans.

S-2035

P.T.O.

2. Electrolysis of water is an example of 1

- combination
- decomposition
- displacement

Ans.

3. When hydrochloric acid reacts with a metal the gas formed is 1

- carbon dioxide
- chlorine
- hydrogen

Ans.

4. loses its water molecules on heating and becomes Plaster of Paris. 1

- Calcium
- Gypsum
- Magnesium

Ans.

Marks	E	M	CM	5
Pg. 4 & 5				

5. The reaction between an acid and a base is called 1

- oxidation reaction
- decomposition reaction
- neutralization reaction

Ans.

6. Why is baking soda a home remedy for treating pain due to excess acid in the stomach ? 1



Ans.

7. Baking soda reacts with the acid to give off gas which extinguishes the fire ? Tick the correct answer. 1

- nitrogen
- carbon dioxide
- oxygen

Ans.

6

8. What precaution must be taken when diluting an acid ? 1

Ans.
.....

9. Name the acid present in curd. 1

Ans.

10. The metal which is liquid at room temperature in the below picture is 1



Ans.

11. Metals are drawn into thin sheets. This property is called 1

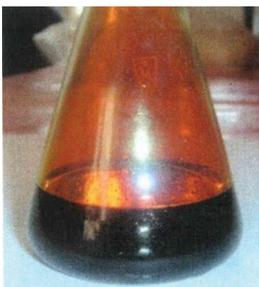
- Ductility
- Malleability
- Sonorous

Ans.

Look at the pictures given below and match the alloy used to make the given objects.

	Column A	Column B	Column C	
12.		(i) Bronze	.....	1
13.		(ii) Brass	.....	1
		(iii) Solder		

14. Look at the picture and identify the non-metal. 1



Ans.

15. Electrical wires are made of copper. Give reason. 1

Ans.

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16. The enzyme secreted by the pancreas that digests protein is 1

- lipase
- pepsin
- trypsin

Ans.

17. Absorption of water takes place in the 1

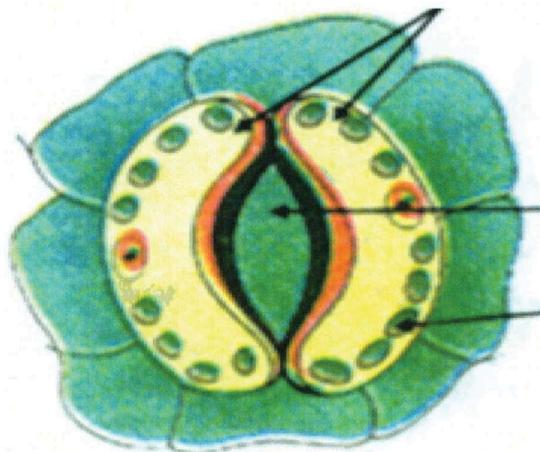
- small intestine
- large intestine
- stomach

Ans.

Observe the picture of stomata and label the following :

18. Stomatal pore 1

19. Guard cell 1



Match the types of nutrition in Column A with the organism in Column B and write in column C :

	Column A	Column B	Column C	
20.	Parasite	(i) Bread mould	.....	1
21.	Saprophyte	(ii) Orchid	.....	1
		(iii) Hibiscus	.....

22. The instrument is sphygmomanometer it measures 1



Ans.

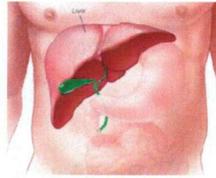
23. Hypertension is dangerous. Give reason. 1

Ans.

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24. Identify the below digestive gland. 1

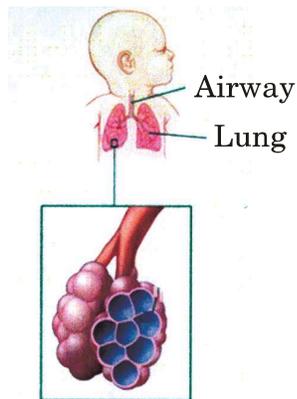


Ans.

25. What happens in the muscle cells when there is lack of oxygen ? 1

Ans.
.....
.....

Look at the picture and answer the questions :



26. Name the balloon like structures present in the lungs. 1

Ans.

Marks	E	M	CM	11
Pg. 10 & 11				

27. What is the function of these balloons like structures ? 1

Ans.

28. A person can accurately pass a thread through the eye of a needle. The part of the brain involved in this action is 1

- The Cerebrum
- The Cerebellum
- The Medulla

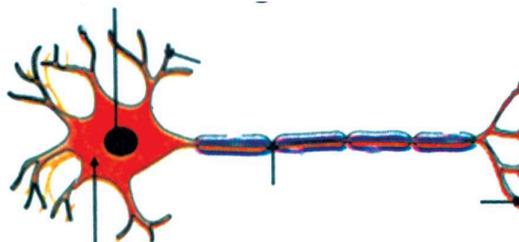
Ans.

29. The spinal cord is protected by the 1

- skull
- ribs
- vertebral column

Ans.

Observe the diagram and answer the questions.



30. Identify the diagram 1

31. Label dendrite 1

The picture shows a woman with a swelling in front of the neck.



32. What is this swelling in front of the neck called ? 1

Ans.

33. Deficiency of a certain mineral causes this disease. Name the mineral. 1

Ans.

34. Carbon dioxide does not need a carrier in the blood. Give reason. 1

Ans.

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Marks	E	M	CM	13
Pg. 12 & 13				

35. The receptors present on our tongue are receptor. 1

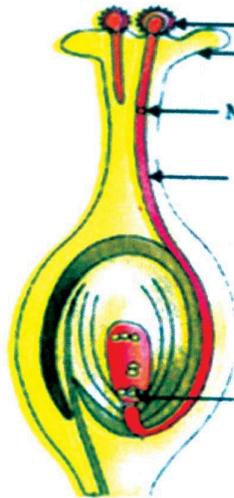
- gustatory
- olfactory
- photo

Ans.

Look at the picture and label :

36. Pollen grain 1

37. Pollen tube 1



38. The ovules are present in the 1

- stigma
- anther
- ovary

Ans.

39. The part of the male reproductive system which is blocked in surgical contraception is 1

- penis
- vas deferens
- urethra

Ans.

40. Name any *one* disease transmitted by Sexual Contact. 1

Ans.

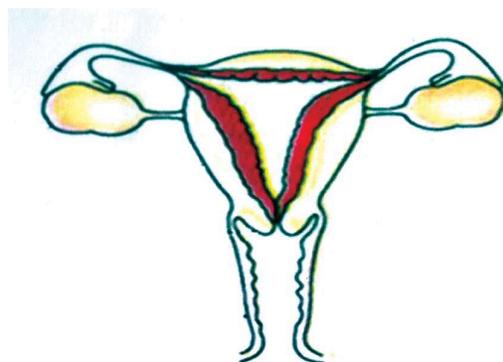
41. Name any *one* contraceptive method. 1

Ans.

Look at the picture and label the following parts :

42. Uterus 1

43. Ovary 1



Marks	E	M	CM	15
Pg. 14 & 15				

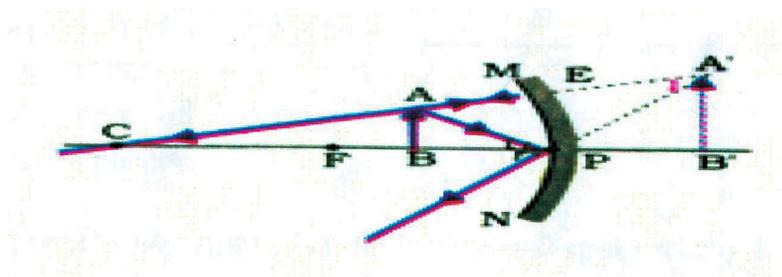
44. State *one* change that takes place in boys during puberty. 1

Ans.

45. Name the male germ cells in human beings. 1

Ans.

Look at the ray diagram given below :



46. Name the type of mirror. 1

Ans.

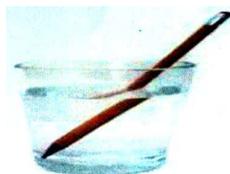
47. Describe the image formed. 1

Ans.

48. State *one* use of this mirror. 1

Ans.

A pencil is placed in a glass of water such that half the pencil is immersed in the water. The pencil appears to be bent.



49. Why does the pencil appear to be bent ? 1

Ans.

50. Give another example of this phenomenon. 1

Ans.

51. The part of the eye that controls the size of the pupil is 1

- iris
- ciliary body
- cornea

Ans.

52. The image formed on the retina is 1

- real and erect
- real and inverted
- virtual and erect

Ans.

White light that is allowed to fall on a prism will split up into different colours.



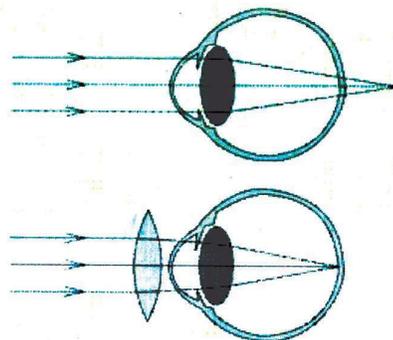
53. What is this band of colours called ? 1

Ans.

54. What is this phenomenon of splitting up of white light into different colours called ? 1

Ans.

Observe the diagram and answer the questions :



55. Name the defect seen in the eye. 1

Ans.

56. The eyeball in this defect may be: (Tick the right one) 1

(i) too long

(ii) too short

Ans.

Match the type of nutrition in Column A with the organism in Column B and write in column C :

	Column A	Column B	Column C	
57.	Live wire	(a) green	.....	1
58.	Earth wire	(b) black	.....	1
		(c) red		

59. The instrument used to measure potential difference is 1

- ammeter
- resistor
- voltmeter

Ans.

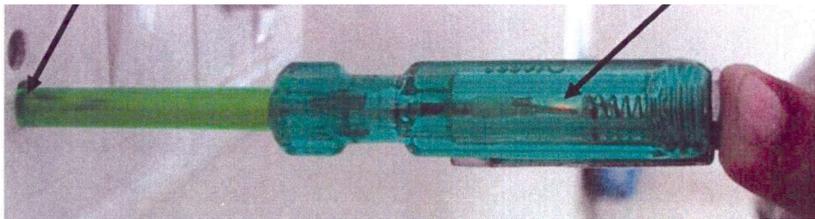
Marks	E	M	CM	19
Pg. 18 & 19				

60. The commercial unit of electricity is 1

- ampere
- watt
- kilo watt hour

Ans.

Look at the picture and answer the question.



61. What is this called ? 1

Ans.

62. What is it used for ? 1

Ans.

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63. Pesticides enter the food chain through 1

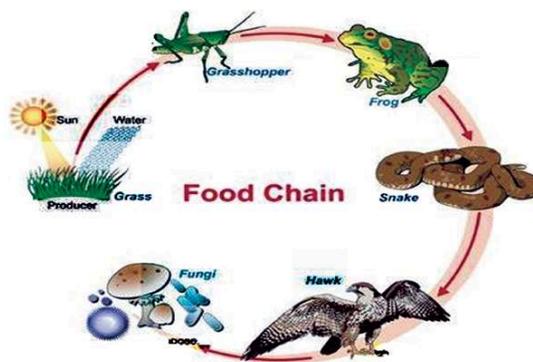
- plants and aquatic life
- carnivores
- omnivores

Ans.

64. Write one point of difference between Biotic and Abiotic factors of the environment. 1

BIOTIC COMPONENT	ABIOTIC COMPONENT

Observe this example of a food chain and answer the questions given below.



Marks	E	M	CM	21
Pg. 20 & 21				

65. Name the primary producer in the given food chain. 1

Ans.

66. Name the secondary consumer in the above food chain. 1

Ans.

67. Why should we not kill all the frogs. 1

Ans.

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68. Give *one* example of artificial ecosystems. 1

Ans.

69. Why are human beings at the top of the food chain ? 1

Ans.

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70. CFC production has been decreased at the level from 1986 because 1

- It causes global warming
- It depletes the ozone layer
- It causes acid rain

Ans.

