

Subject Code : S-2038
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HOLLOW CRAFT STICKER

Subject : GENERAL SCIENCE WITH ACCOMMODATION (E) (CWSN)
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SEAT NO.	BAR CODE
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Centre :

Seat No. (in fig.).....

(in words).....

.....

Candidate's Signature :.....

Supervisor's Signature with date :.....

Subject Code	S-2038
Subject	GENERAL SCIENCE WITH ACCOMMODATION (E) (CWSN)
Date	2024-04-15

FOR OFFICE USE

Subject Code	
Subject	
Date	
Main Answer Book = 1	
Specific remarks of centre conductor regarding malpractices (in Red Ink)	

Examiner	Moderator	Chief Moderator
Total in Figures =	=	=
Total in Words		
Signature		
Apptt.No. :		

- Mobile Phones and other electronic gadgets are stricity prohibited inside the examination hall.
- Use of non-programmable calculator is allowed ONLY in some subjects.
- Writing in any form on the Hollow craft sticker and Bar code sticker is strictly prohibited.
- Only blue ink/ball pen is to be used for writing the answers. Black lead pencil may be used for drawing figures, diagrams and graphs. Use of any other colour pencil/pen is strictly prohibited.
- Disclosing of identify on the answer book (except in the space provided) in any form is strictly prohibited.
- Candidate should check that the printed seat number is correct and verify that the answer book has all pages serially numbered before filling all other details.

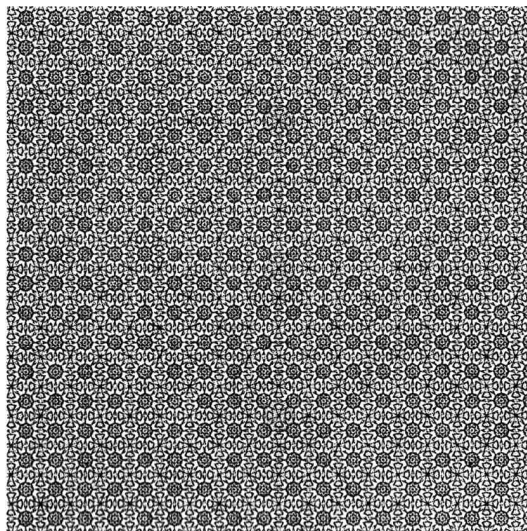
INSTRUCTIONS TO CANDIDATES

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			
TOTAL			
Total in words			
Apptt. No.			
Sign			
Verification			

2024 IV 15

0930

Marks	E	M	CM	3
Pg. 3				

Time : 3 Hours

**GENERAL SCIENCE
WITH ACCOMMODATION (E)**

Subject Code (CWSN)

S	2	0	3	8
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Total No. of Questions : 70 (Printed Pages : 20) Maximum Marks : 70

- INSTRUCTIONS :**
- (i) The question paper consists of **70** questions.
 - (ii) *All* questions are compulsory.
 - (iii) There is no overall choice.
 - (iv) *All* the answers are to be entered in the space provided in the question paper.
 - (v) Figures to the right indicate full marks.

1. Melting of ice is a/an change. 1

Ans.

- Endothermic
- Combination
- Exothermic

2. The substance that gives the grey-black colour in photography is 1

Ans.

- Copper
- Zinc
- Silver

3. Tooth enamel is made up of 1

Ans.

- Calcium oxide
- Calcium carbonate
- Calcium phosphate

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

Ans.

- Oxidation reaction
- Decomposition reaction
- Neutralization reaction

* The pH of soil and rain are important for nature.

5. What is acid rain ? 1

Ans.

.....

6. How does acid rain affect aquatic life ? 1

Ans.

.....

Marks	E	M	CM
Pg. 4 & 5			

5

* Everyone likes to eat light fluffy cake.

7. What is added to the cake mixture to make it light and fluffy ? 1

Ans.

8. Why is baking soda used in fire extinguishers ? 1

Ans.

9. Iodine is a non-metal and it is 1

Ans.

- Malleable
- Ductile
- Lustrous

10. Electric wires are coated with 1

Ans.

- Paper
- Coir
- PVC

6

* Match the following :

- | | | | | |
|-----|--------------|---|--------|---|
| 11. | Malleability | • | Bells | 1 |
| 12. | Sonorous | • | Wires | 1 |
| | | • | Sheets | |

11. Malleability

12. Sonorous

13. Which metals are the best conductor of heat ? 1

Ans.

.....

14. Name different methods by which we can prevent rusting ? 1

Ans.

.....

15. During photosynthesis substance absorbed from the atmosphere is 1

Ans.

- Oxygen
- Carbon dioxide
- Nitrogen

16. Hydrochloric acid is secreted in the 1

Ans.

- Stomach
- Mouth
- Small intestine

Marks	E	M	CM	7
Pg. 6 & 7				

* Match the following :

- | | | | |
|-----|------------|---------------|---|
| 17. | Autotroph | • Bread mould | 1 |
| 18. | Saprophyte | • Dog | 1 |
| | | • Hibiscus | |

17. Autotroph

18. Saprophyte

19. Give an example of a parasitic organism. 1

Ans.

.....

20. What is the function of the esophagus ? 1

Ans.

.....

21. Name the fluid medium of blood. 1

Ans.

.....

22. Name the material necessary for the growth of autotrophic organisms. 1

Ans.

.....

23. Name the organisms that derive food from other organisms without killing them. 1

Ans.

.....

24. Name the pigment absorbing light energy in leaves of green plants. 1

Ans.

.....

25. Deficiency of iodine in our diet causes 1

Ans.

- Dwarfism
- Goiter
- Diabetes

26. Actions that we can control are called 1

Ans.

- Involuntary actions
- Voluntary actions
- Reflex actions

Marks	E	M	CM	9
Pg. 8 & 9				

* Doctor advised Harish to reduce the amount of sugar in his diet.

27. Where is insulin produced ? 1

Ans.

.....

28. is the disease Harish is suffering from. 1

Ans.

- Goitre
- Diabetes
- Dwarfism

29. Name the hormone responsible for gigantism. 1

Ans.

.....

30. Name the organ that produces estrogen. 1

Ans.

.....

31. Name the part of the brain that controls salivation. 1

Ans.

.....

32. The development of the baby inside the mother takes approximately

..... 1

Ans.

- 9 months
- 12 months
- 15 months

33. The male part of a flower is 1

Ans.

- Carpels
- Stamens
- Stigma

* During the early teen years, certain changes take place in the body.

34. Name the hormones that brings about this change in boys. 1

Ans.

.....

35. State any *one* change that takes place in boys. 1

Ans.

.....

Marks	E	M	CM	11
Pg. 10 & 11				

36. What is reproduction ? 1

Ans.

.....

37. What is the transfer of pollen grains from anther to stigma called ? 1

Ans.

.....

38. Name the type of doctor to whom a pregnant woman visits to check whether the child is healthy or not. 1

Ans.

.....

39. How much time is taken for the development of a child in mother's body ? 1

Ans.

.....

* Mirrors used as vehicle rear view mirrors allow the driver to see a much larger area behind.

40. Name the type of mirror used in vehicle as rear view mirror. 1

Ans.

.....

41. This mirror is used as a rear view mirror because 1

Ans.

- The image is enlarged and erect
- The image is diminished and erect
- The image is diminished and inverted

42. What is a virtual image ? 1

Ans.

.....

43. Why should we never look at the sun directly ? 1

Ans.

.....

44. The crystalline lens of old people becomes milky and cloudy. This condition is called 1

Ans.

- Myopia
- Hypermetropia
- Cataract

Marks	E	M	CM	13
Pg. 12 & 13				

45. The part of the eye that gives the eye its colour is the 1

Ans.

- Iris
- Ciliary body
- Cornea

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

46. What is this band of colours called ? 1

Ans.

.....

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

Ans.

.....

48. Why is the colour of the sky is blue ? 1

Ans.

.....

49. What is meant by Power of Accommodation ? 1

Ans.
.....

50. Wire with red insulation is 1

Ans.

- Live wire
- Neutral wire
- Earth wire

51. The normal voltage in our domestic electricity supply in India is 1

Ans.

- 220 volts
- 110 volts
- 55 volts

* Bulbs are used in every household.

52. Which part of the bulb gives out light ? 1

Ans.
.....

Marks	E	M	CM	15
Pg. 14 & 15				

53. What is this filament made of and why ? 1

Ans.

54. The element used to make solar cell is 1

Ans.

- Gold
- Silicon
- Silver

55. Wind energy is 1

Ans.

- Potential energy
- Non-renewable source of energy
- Renewable source of energy

56. The heat is absorbed by the colour in the solar cooker. 1

Ans.

- White
- Red
- Black

57. Write *one* use of biogas. 1

Ans.

.....

58. What is the energy conversion takes place in a calculator ? 1

Ans.

.....

59. Name a natural source of potential energy of water. 1

Ans.

.....

60. Write an advantage of charcoal. 1

Ans.

.....

61. Green plants are 1

Ans.

- Producers
- Decomposers
- Consumers

Marks	E	M	CM	17
Pg. 16 & 17				

62. An example of artificial ecosystem is 1

Ans.

- Forest
- Pond
- Garden

63. Name the main source of energy in a food chain. 1

Ans.

.....

64. Name the layer that protects us from the damaging ultraviolet rays of the sun. 1

Ans.

.....

65. Name the organism at the second trophic level. 1

Ans.

.....

66. Items that have been used once are used again and again for different purposes is 1

Ans.

- Reduce
- Recycle
- Reuse

67. Growing of one type of tree like teak for commercial use is called as 1

Ans.

- Agriculture
- Monoculture
- Pisciculture

68. Name the main source of water in India. 1

Ans.

.....

69. Why are forests called biodiversity hotspot ? 1

Ans.

.....

70. Name the pollutant given out by burning of fossil fuels that causes global warming. 1

Ans.

.....

This image shows a full page of primary-ruled paper. It consists of multiple horizontal rows, each defined by two parallel dotted lines. The rows are evenly spaced and extend across the entire width of the page, providing a guide for handwriting practice. There are no margins, text, or other markings on the paper.