

INTERNATIONAL INDIAN SCHOOL DAMMAM  
CLASS: VIII

Max Marks: 100

Time: 90 Minutes

## INSTRUCTIONS:

- This question paper contains \_\_\_\_\_ pages.
- All Questions are compulsory
- Use blue or black pen to shade the bubble in the answer booklet for each question.
- Answer will be INVALID if you shade two options for the same question.
- The order of Questions is English, Science & Technology, Social Science, Maths and GK & Current Affairs.
- Return both OMR sheet and question paper.

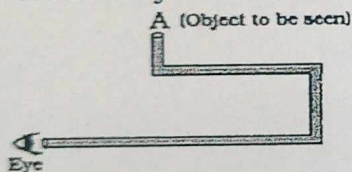
1. Identify the kind of sentence: Never tell lies.  
(a) Declarative (b) Imperative (c) Interrogative (d) Exclamatory
2. Had I some knowledge of your health issues, I \_\_\_\_\_ you for the meeting.  
(a) will not call (b) would not call (c) may not call (d) All of the above
3. What does an interrogative sentence end with?  
(a) Question Mark (b) Full Stop (c) Exclamation Mark (d) Period
4. Choose the correct form of the verb that is in agreement with the subject:  
The mother, along with her daughter, \_\_\_\_\_ tennis on Sundays.  
(a) has played (b) have played (c) play (d) plays
5. Select the most appropriate option to fill in the blank. Everyone in the family \_\_\_\_\_ been questioned about the theft.  
(a) has (b) have (c) are (d) is
6. Fill in the blank with the correct tense form. The train \_\_\_\_\_ before he reached the station.  
(a) has left (b) was left (c) had left (d) is left
7. Identify the tense used in the given sentence. "You are always working on your laptop."  
(a) present indefinite (b) present perfect (c) present continuous (d) present perfect continuous
8. Change into passive voice. "They have published all the details of the invention."  
(a) All the details of the invention have been published by them.  
(b) The publication of the details of invention was done by them.  
(c) All the details of the invention has been published by them.  
(d) All the inventions have been detailed by them.

9. Change to indirect speech. – David said to Anna, “Mona will leave for her native place tomorrow.”
- David told Anna that Mona will leave for her native place tomorrow.
  - David told Anna that Mona would leave for her native place tomorrow.
  - David told Anna that Mona would be leaving for her native place the next day.
  - David told Anna that Mona would leave for her native place the next day.
10. Change to indirect speech – He said to interviewer, “Could you please repeat the question?”
- He requested the interviewer if he could please repeat the question.
  - He requested the interviewer to please repeat the question.
  - He requested the interviewer to repeat the question.
  - He requested the interviewer if he could repeat the question.
11. Identify whether the underlined word is gerund, participle or infinitive – ‘Getting up late in the morning is bad.
- Participle
  - Verb
  - Gerund
  - Infinitive
12. Which sentence contains an incorrect use of a gerund or infinitive?
- I forgot meeting him last week.
  - I forgot to meet him last week.
  - I remember meeting him last week.
  - I remember to meet him last week.
13. Name the author of the book ‘Adventures of Sherlock Holmes’.
- Mark Twain
  - Arthur Conan Doyle
  - H G Wells
  - Shakespeare
14. Who won the Nobel Prize for Literature in the year 2022?
- Rudyard Kipling
  - Toni Morrison
  - Annie Ernaux
  - Robert Frost
15. Which among these is the book written by Charles Dickens?
- Pickwick Papers
  - The Tempest
  - Ben Hur
  - Invisible Man
16. Which technology prevents corrosion by applying a small electric current?
- Electrorefining
  - Cathodic protection
  - Electroplating
  - Fuel cell technology
17. What is the primary purpose of forage crops?
- Grown for human consumption
  - Grown for industrial use
  - Grown for livestock feed
  - Grown for ornamental purposes
18. What is a significant social transition that occurs during adolescence?
- Increased need for sleep
  - Formation of stronger peer relationships
  - Rapid height growth
  - Onset of menstruation
19. What function do Brunner’s glands serve?
- Produce earwax to protect the ear
  - Release sweat to control body temperature
  - Secrete mucus to protect the duodenum from stomach acid
  - Secrete enzymes for breaking down food in the stomach



20. Ruthvik and Ruha hear a gunshot 2 second after it is fired. How far away from the gun they are standing? (Speed of sound in air is equal to 330m/s)  
 (a) 100m                      (b) 330m                      (c) 530m                      (d) 660m
21. Which of the following poultry breeds is known for high egg production?  
 (a) Pekin                      (b) White Leghorn                      (c) Broad Breasted White                      (d) Narragansett
22. Which of the following is an example of speech recognition technology?  
 (a) Sonar                      (b) Siri                      (c) Noise-canceling headphones                      (d) Ultrasound
23. Which of the following is a major application of electrolysis?  
 (a) Nuclear fission                      (b) Water splitting to produce hydrogen  
 (c) Magnetic levitation                      (d) Photosynthesis
24. Which of the following was a geological disaster?  
 (a) Hurricane Katrina                      (b) 2004 Indian Ocean earthquake  
 (c) 2019-2020 Australian bushfires                      (d) COVID-19 pandemic
25. Who among the following was a statistician and the founder of the Indian Statistical Institute?  
 (a) Prasanta Chandra Mahalanobis                      (b) Meghnad Saha  
 (c) HarGobind Khorana                      (d) A.P.J. Abdul Kalam
26. What human activity can increase the frequency and severity of natural disasters?  
 (a) Watching the weather forecast                      (b) Urbanization and deforestation  
 (c) Practicing emergency drills                      (d) Using renewable energy
27. What process changes a solid directly into a gas without becoming a liquid?  
 (a) Condensation                      (b) Sublimation                      (c) Freezing                      (d) Deposition
28. Which state of matter consists of ionized gas with free electrons and ions?  
 (a) Solid                      (b) Liquid                      (c) Plasma                      (d) Bose-Einstein Condensate
29. The number of compressions or rarefactions per unit time gives -----  
 (a) Frequency                      (b) Time Period                      (c) Amplitude                      (d) Pitch
30. Which part of an atom is responsible for the flow of current?  
 (a) Electron                      (b) Proton                      (c) Neutron                      (d) All of these
31. Which of the following discoveries earned the Nobel Prize in Physiology or Medicine in 2024?  
 (a) Micro RNA and its role in gene regulation                      (b) Hepatitis C virus discovery  
 (c) mRNA vaccine                      (d) Temperature and touch receptors
32. The functional unit of the kidney that plays a crucial role in filtering blood and reabsorbing substances is called:  
 (a) Glomerulus                      (b) Nephron                      (c) Urethra                      (d) Renal Cortex
33. Twinkling of stars is due to which optical phenomenon?  
 (a) Reflection                      (b) Interference                      (c) Refraction                      (d) Divergence

34. Which system is responsible for protecting the body through its skin, sweat glands, and sensory receptors?  
 (a) Endocrine System (b) Respiratory System (c) Integumentary System (d) Circulatory System
35. Which of the following organs is part of both the digestive and endocrine systems?  
 (a) Liver (b) Kidney (c) Heart (d) Lungs
36. Which of the following conditions is characterized by excessive bleeding due to a genetic mutation in clotting factors?  
 (a) Hemophilia (b) Celiac disease (c) Pellagra (d) Night Blindness
37. What is the main threat posed by phishing attacks?  
 (a) Unauthorized access to networks (b) Disruption of network services  
 (c) Stealing personal data through fake emails or websites  
 (d) Infecting computers with malware
38. What does DNS (Domain Name System) do in a network?  
 (a) Assigns unique IP addresses to devices  
 (b) Encrypts data being transferred over the network  
 (c) Converts domain names into IP addresses  
 (d) Routes data packets to the correct device
39. Fathima planned an activity to observe an object A through pipes as shown in Fig, so that she could see objects which she could not directly see.



- How many mirrors should she use to see the objects?  
 (a) 3 (b) 2 (c) 5 (d) 1
40. Burning Feet (Peripheral Neuropathy) is most commonly associated with:  
 (a) Calcium deficiency (b) Nerve damage from diabetes  
 (c) Vitamin A deficiency (d) Vitamin B12 deficiency
41. Cuneiform script is related to \_\_\_\_\_ civilization.  
 (a) Indus (b) Mesopotamian (c) Egypt (d) Mayan
42. Which of the following statements about Article 21 of the Indian Constitution is incorrect?  
 (a) Article 21 included Right to Health (b) Article 21 included Right to Food  
 (c) Article 21 included Right to Equality (d) Article 21 included Right to Life
43. What is the primary ecological characteristic of Pampas?  
 (a) Desert (b) Grassland (c) Tundra (d) Wetland
44. Which among the following lake is not included in the great lakes of North America?  
 (a) Michigan (b) Ontario (c) Ohio (d) Huron



45. Who were the Axis powers in World War II?  
 a) Germany, France and Italy      b) France, Britain and Russia  
 c) Japan, Italy and Britain      d) Germany, Japan and Italy
46. Who was the last Mughal Emperor during the revolt of 1857?  
 a) Aurangzeb      b) Mir Jaffar      c) Bahadur Shah Zafar      d) None of the above
47. Which of the following constitutional provision aims to uplift marginalized communities in India?  
 a) Fundamental Rights      b) Reservation in education and jobs  
 c) Directive Principles of State policy      d) Right to Property
48. Who is credited with the definition of education as "an all-round drawing out of the best in child and man- body, mind and spirit"?  
 a) Rabindra Nath Tagore      b) Pandita Rama Bai  
 c) Thomas Babington Macaulay      d) Mahatma Gandhi
49. Which of the following 20<sup>th</sup> century reformers were the followers of Jyotirao Phule?  
 a) Dr. BR Ambedkar      b) Periyar EV Ramaswamy Naiker  
 c) Swami Vivekananda      d) Both a & b
50. Which soil type is best for growing crops?  
 a) clay soil      b) Loamy soil      c) Sandy soil      d) Saline soil
51. Two prominent leaders launched the Home Rule Movement in India?  
 a) Annie Besant & Bal Gangadhar Tilak      b) Dadabhai Naoroji & AO Hume  
 c) Subhash Chandra Bose & Lala Lajpat Rai      d) Bhagat Singh and Rajguru
52. Which Lok Sabha was formed after the general elections of 2024?  
 a) 16<sup>th</sup>      b) 17<sup>th</sup>      c) 18<sup>th</sup>      d) 19<sup>th</sup>
53. What term describes the variety of plant and animal life in a particular habitat?  
 a) Ecosystem      b) Natural Environment      c) Bio diversity      d) All of the above
54. Who was the first education minister of independent India?  
 a) Khan Abdul Ghaffar Khan      b) Maulana Abdul Kalam Azad  
 c) Sardar Vallabhbhai Patel      d) C. Rajagopalchari
55. Who is responsible for upholding the constitution of India?  
 a) The Parliament      b) The President      c) The Judiciary      d) The Prime Minister
56. If PQRS is a parallelogram, then  $\angle P - \angle R$  is  
 (a)  $90^\circ$       (b)  $45^\circ$       (c)  $60^\circ$       (d)  $0^\circ$
57. A picnic is being planned in a school. Girls are 60% of the total number of students and are 300 in number. Find the ratio of the number of girls to the number of boys in the class.  
 (a) 3:2      (b) 3:1      (c) 2:3      (d) 2:1
58. In a parallelogram PQRS, if  $\angle P = (3x - 15)^\circ$  and  $\angle Q = (2x + 15)^\circ$  then find the value of x  
 (a) 36      (b) 90      (c) 30      (d) 180



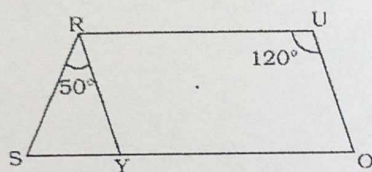
59. An item marked at Rs 1200 is sold for Rs 900. What is the discount %?  
 (a) 20% (b) 10% (c) 25% (d) none of these

60.  $\sqrt{144} + \sqrt{400} - x = 0$  Find the value of x  
 (a) 12 (b) 32 (c) 20 (d) 0

61. If length, breadth and height of a room are l, b and h respectively then the area of four walls of the room is  
 (a)  $2(lb+bh+hl)$  (b)  $2l(h+b)$  (c)  $2(lb \times bh \times hl)$  (d)  $2h(l+b)$

62. Find the perimeter of a square whose area is  $441 \text{ cm}^2$ ?  
 (a) 84cm (b) 21cm (c) 42cm (d) 48cm

63. In the given parallelogram YOUR,  $\angle RUO = 120^\circ$  and OY is extended to point S such that  $\angle SRY = 50^\circ$  Find  $\angle YSR$



(a) 120 (b) 50 (c) 70 (d) 100

64. If the interior angle of a regular polygon is  $162^\circ$ , then find the number of its sides.  
 (a) 20 (b) 10 (c) 18 (d) 16

65. Alisha bought an air cooler for Rs. 3300 including a tax of 10%. The price of the air cooler before VAT was added is:  
 (a) Rs. 2000 (b) Rs. 3000 (c) Rs. 2500 (d) Rs. 2800

66. Find the total surface area for a cube whose volume is given to be  $1000 \text{ m}^3$ .  
 (a)  $100 \text{ cm}^2$  (b)  $10 \text{ cm}^2$  (c)  $60 \text{ cm}^2$  (d)  $600 \text{ cm}^2$

67. Which is the smallest 4-digit perfect square number?  
 (a) 1024 (b) 1025 (c) 1000 (d) 1017

68. The area of a rhombus is  $240 \text{ cm}^2$  and one of the diagonals is 16 cm. Find the other diagonal.  
 (a) 16 cm (b) 20 cm (c) 30 cm (d) 36 cm

69. A Hall in the form of cuboid measures 40m, 20m, 10m. How many cuboidal boxes can be stored in it in the volume of box is  $2 \text{ m}^3$   
 (a) 6000 (b) 4000 (c) 2000 (d) 1500

70. Find the missing number  $125 : 5 :: 64 : ?$   
 (a) 8 (b) 4 (c) 2 (d) 32

71. Pick the Odd One Out



72. Find the missing  $B_2CD$ ,  $\underline{\hspace{1cm}}$ ,  $BCD_4$ ,  $B_5CD$ ,  $BC_6D$   
 (a)  $B_2C_2D$  (b)  $BC_3D$  (c)  $B_2C_3D$  (d)  $BCD_7$

73. Which number replaces the question mark?

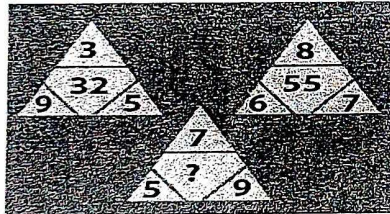


(a) 38 (b) 40 (c) 42 (d) 45

74. 'BELOW' is related to 'OBWEL' in a certain way. Which of the following pairs have the same relationship?

(a) DRAFT: FDTRA (b) REPLY: LRYPE (c) YOUNG : UYGON (d) YEARS : RESYA

75. Find the missing number?



(a) 21 (b) 44 (c) 68 (d) 52

76. Look at this series: 31, 29, 24, 22, 17, ... What number should come next?

(a) 15 (b) 14 (c) 13 (d) 12

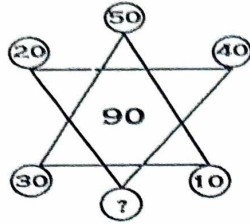
77. Identify the figure that completes the pattern.



(1) (2) (3) (4)

(a) 1 (b) 2 (c) 3 (d) 4

78. Find the missing number?



- (a) 10 (b) 20 (c) 40 (d) 30

79. How many lines can pass through two given points?

- (a) 1 (b) 2 (c) 3 (d) infinite

80. How many right angles do you make if you start facing east and turn clockwise to east?

- (a) 1 (b) 2 (c) 3 (d) 4

81. Which country has developed the world's most powerful hydrogen train engine?

- (a) USA (b) China (c) India (d) Russia

82. Which female footballer won the women's Ballon d'Or Award in 2024?

- (a) Aitana Bonmati (b) Iga Swiatek (c) Lucy Bronze (d) Aryna Sabalenka

83. Who is the author of the novel "Night Watch" that won the Pulitzer Prize for Fiction in 2024?

- (a) Margaret Atwood (b) Jayne Anne Phillips  
(c) Haruki Murakami (d) Chimamanda Ngozi Adichie

84. Who is the current India's ambassador to Kingdom of Saudi Arabia?

- (a) Dr. Ausaf Sayeed (b) Dr. Suhel Ajaz Khan (c) Ahmad Javed (d) **Hamid Ali Rao**

85. Who is the chief guest for Republic Day 2025?

- (a) Bacharuddin Jusuf Habibie (b) Sheikh Mohammed bin Abdul Rahman  
(c) Prabowo Subianto (d) Donald Trump

86. Where will the third launch pad for ISRO be established?

- (a) Kerala (b) Karnataka (c) Gujarat (d) Andhra Pradesh

87. Who has become the first president to be convicted in the history of America?

- (a) Donald Trump (b) Barack Obama (c) Carter Dallas (d) Joe Biden

88. What was the Theme for World AIDS Day 2024?

- (a) End Inequalities. End AIDS. End Pandemics (b) Lead the Communities  
(c) Take the rights path: My health, my right! (d) Equalize



89. Which player has scored the most runs in T20 Internationals?  
 (a) Virat Kohli (b) Chris Gayle (c) Martin Guptill (d) Rohit Sharma
90. Who among the following is the recipient of the Ramon Magsaysay Award for 2024  
 (a) Madhav Gadgil (b) Farhan Farwiza (c) Lakshya Sen (d) Vikrant Massey
91. What is the name of the entertainment development project located on the outskirts of Riyadh, Saudi Arabia?  
 (a) Red Sea Project (b) Qiddiya City (c) King Abdullah Economic City (d) Neom City
92. In which sports did Lakshya Sen become the first male Indian player to reach the semi-finals at the Summer Games?  
 (a) Tennis (b) Billiards (c) Chess (d) Badminton
93. Who is the current Vice President of India of India?  
 (a) Om Birla (b) Jagdeep Dhankar (c) Droupadi Murmu (d) Nirmala Sitaraman
94. Who were the recipients of the 2024 Nobel Prize in Chemistry?  
 (a) John M. Jumper, David Baker, and Denis Hassabis  
 (b) Daron Acemoglu, Simon Johnson, and James A. Robinson  
 (c) Gary Ruvkun, and Victor Ambros  
 (d) John Hopfield, and Geoffrey Hinton
95. Which team won IPL 2024 title?  
 (a) Chennai Super Kings (b) Mumbai Indians  
 (c) Kolkata Knight Riders (d) Sunrisers Hyderabad
96. In India, which day is celebrated as "Constitution Day" every year?  
 (a) 26 October (b) 26 November (c) 26 December (d) 26 January
97. Victoria Kjaer Theilvig of which country has been crowned Miss Universe for 2024?  
 (a) Denmark (b) Mexico (c) USA (d) Venezuela
98. Which player won the Men's Grand Slam Titles 'Wimbledon and French Open' 2024?  
 (a) Jannik Sinner (b) Taylor Fritz (c) Novak Djokovic (d) Carlos Alcaraz
99. Which country was the host and chair of the 46th session of UNESCO's World Heritage committee in 2024?  
 (a) UK (b) China (c) India (d) Nepal
100. What medal did Neeraj Chopra win in the men's javelin throw in 2024 Summer Olympics?  
 (a) Gold (b) Silver (c) Bronze (d) No medal