

BRAINBEE NATIONAL OLYMPIAD

MENTAL MATHS (Group 1) [Sample Paper]

Time Limit : 30 Minutes

(Use BODMAS)

MM : 30 Marks

Marking conteria : Tick (✓) the Answer.

MM : 30 Marks

Class 1 : 1 mark for each correct answer. No Negative Marking.

Class 2 : 1 mark for each correct answer. 1 mark minus for every wrong answer.

No Negative Marking for not answering.

1. $3 + 9 + 4$

- (a) 16 (b) 12 (c) 18 (d) 20

2. $2 + 9 + 3$

- (a) 12 (b) 14 (c) 15 (d) 16

3. $7 + 59 + 2$

- (a) 68 (b) 34 (c) 78 (d) 96

4. $4 \times 7 + 4$

- (a) 32 (b) 29 (c) 42 (d) 60

5. $102 - 50$

- (a) 13 (b) 62 (c) 52 (d) 71

6. $11 \times 3 - 5$

- (a) 40 (b) 32 (c) 30 (d) 28

7. $8 \times 3 + 5$

- (a) 55 (b) 50 (c) 30 (d) 29

8. $12 \times 3 + 6$

- (a) 32 (b) 28 (c) 42 (d) 30

9. $78 - 9 + 2$

- (a) 67 (b) 32 (c) 73 (d) 80

10. $2 \times 3 \times 2$

- (a) 7 (b) 12 (c) 8 (d) 9

11. $5 \times 5 \times 5$

- (a) 123 (b) 125 (c) 130 (d) 135

12. 12×3

- (a) 30 (b) 34 (c) 35 (d) 36

13. $27 - 11 + 2$

- (a) 14 (b) 19 (c) 20 (d) 22

- 14. $101 - 22$**
(a) 79 (b) 80 (c) 82 (d) 94
- 15. $79 - 30$**
(a) 49 (b) 30 (c) 32 (d) 55
- 16. $4 + 9 + 3$**
(a) 13 (b) 14 (c) 15 (d) 16
- 17. $12 - 5 + 4$**
(a) 3 (b) 12 (c) 13 (d) 14
- 18. $6 + 9 + 10$**
(a) 42 (b) 50 (c) 30 (d) 25
- 19. $5 \times 3 + 8$**
(a) 22 (b) 21 (c) 23 (d) 24
- 20. $2 \times 2 \times 2$**
(a) 8 (b) 9 (c) 10 (d) 11
- 21. $103 - 22$**
(a) 71 (b) 72 (c) 80 (d) 81
- 22. $103 - 10$**
(a) 30 (b) 93 (c) 83 (d) 73
- 23. $103 - 50$**
(a) 63 (b) 53 (c) 54 (d) 92
- 24. $12 + 2 + 7$**
(a) 21 (b) 23 (c) 22 (d) 25
- 25. $3 + 3 + 9$**
(a) 15 (b) 16 (c) 17 (d) 20
- 26. $10 - 1 + 2$**
(a) 7 (b) 12 (c) 13 (d) 14
- 27. $3 \times 3 + 29$**
(a) 42 (b) 40 (c) 39 (d) 38
- 28. $55 - 3 - 2$**
(a) 70 (b) 60 (c) 50 (d) 75
- 29. $88 + 2 + 2$**
(a) 90 (b) 91 (c) 93 (d) 92
- 30. $90 + 3 + 1$**
(a) 92 (b) 93 (c) 94 (d) 91

Time Limit : 30 Minutes

(Use BODMAS)

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MM : 30 Marks

Class 3 : 1 mark for each correct answer. No Negative Marking.

Class 4 : 1 mark for each correct answer. 1 mark minus for every wrong answer.

No Negative Marking for not answering.

-
1. $4 + 9 + 3 + 6 + 7 + 2$
(a) 31 (b) 21 (c) 32 (d) None of these
 2. $6 + 3 + 12 + 9 + 8 + 4$
(a) 43 (b) 42 (c) 22 (d) None of these
 3. $7 + 8 - 3 + 6 - 2 + 8$
(a) 34 (b) 25 (c) 24 (d) None of these
 4. $9 + 7 + 6 - 4 - 3 + 5$
(a) 20 (b) 22 (c) 10 (d) None of these
 5. $4 \times 6 \times 2$
(a) 4 (b) 38 (c) 46 (d) None of these
 6. $2 \times 7 \times 3$
(a) 32 (b) 44 (c) 42 (d) None of these
 7. $67 - 29$
(a) 29 (b) 39 (c) 38 (d) None of these
 8. $73 - 34?$
(a) 38 (b) 29 (c) 39 (d) None of these
 9. $23 \times 6 - 42$
(a) 86 (b) 99 (c) 96 (d) None of these
 10. $55 \times 3 - 38$
(a) 127 (b) 137 (c) 122 (d) None of these
 11. $2 + 3 + 9 + 8 + 6 + 4$
(a) 52 (b) 32 (c) 42 (d) None of these
 12. $4 + 9 + 6 + 18 + 2 + 1$
(a) 30 (b) 42 (c) 40 (d) None of these
 13. $9 + 6 - 2 - 3 + 8 + 6$
(a) 24 (b) 34 (c) 23 (d) None of these

14. $28 + 4 + 6 - 7 - 2 + 6$
(a) 33 (b) 35 (c) 34 (d) None of these
15. $5 \times 6 \times 7$
(a) 220 (b) 210 (c) 230 (d) None of these
16. $4 \times 8 \times 3$
(a) 86 (b) 96 (c) 66 (d) None of these
17. $379 - 283 ?$
(a) 96 (b) 99 (c) 91 (d) None of these
18. $747 - 563$
(a) 184 (b) 188 (c) 183 (d) None of these
19. $13 \times 7 - 57$
(a) 36 (b) 44 (c) 34 (d) None of these
20. $35 \times 4 - 42$
(a) 97 (b) 96 (c) 98 (d) None of these
21. $3 + 6 + 9 + 4 + 8 + 2$
(a) 32 (b) 42 (c) 30 (d) None of these
22. $14 + 9 + 17 + 8 + 1 + 3$
(a) 52 (b) 50 (c) 49 (d) None of these
23. $4 + 3 + 9 - 5 - 3 + 7$
(a) 14 (b) 13 (c) 15 (d) None of these
24. $8 + 3 + 7 - 4 - 6 + 5$
(a) 16 (b) 13 (c) 14 (d) None of these
25. $6 \times 5 \times 8$
(a) 140 (b) 230 (c) 240 (d) None of these
26. $9 \times 3 \times 8$
(a) 216 (b) 316 (c) 218 (d) None of these
27. $127 - 98$
(a) 28 (b) 29 (c) 39 (d) None of these
28. $473 - 139$
(a) 336 (b) 334 (c) 324 (d) None of these
29. $23 \times 6 - 69$
(a) 66 (b) 59 (c) 69 (d) None of these
30. $46 \times 5 - 53$
(a) 177 (b) 178 (c) 179 (d) None of these

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Class 5 : 1 mark for each correct answer. No Negative Marking.

Class 6 : 1 mark for each correct answer. 1 mark minus for every wrong answer.

No Negative Marking for not answering.

1. $40 + 9 + 40 + 4$

- (a) 91 (b) 92 (c) 94 (d) 93

2. $39 + 42 + 10 + 10$

- (a) 101 (b) 103 (c) 105 (d) 104

3. $19 + 32 + 69 + 17$

- (a) 128 (b) 130 (c) 137 (d) 138

4. $27 + 18 + 25 - 15$

- (a) 50 (b) 45 (c) 55 (d) 60

5. $29 - 19 + 10 + 20$

- (a) 30 (b) 20 (c) 50 (d) 40

6. $364 + 102 - 20$

- (a) 330 (b) 441 (c) 446 (d) 556

7. $149 + 101 + 15$

- (a) 265 (b) 266 (c) 267 (d) 268

8. $30 + 30 - 30$

- (a) 50 (b) 20 (c) 40 (d) 30

9. $150 - 30 + 2$

- (a) 135 (b) 118 (c) 123 (d) 128

10. $(42 \times 3) + 5$

- (a) 131 (b) 130 (c) 121 (d) 141

11. $(10 \times 4) + (10 \times 5)$

- (a) 85 (b) 90 (c) 60 (d) 70

12. $672 - 102$

- (a) 590 (b) 570 (c) 560 (d) 580

13. $(11 \times 3) - (10 \times 2)$

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

14. $91 + 10 - 12 + 13 - 31$
(a) 61 (b) 51 (c) 91 (d) 71
15. $72 + 11 - 2 - 5 + 6$
(a) 62 (b) 92 (c) 81 (d) 72
16. $18 + 2 - 3 - 2$
(a) 14 (b) 13 (c) 15 (d) 16
17. $(25 \div 5) + (30 \div 6)$
(a) 5 (b) 10 (c) 15 (d) 20
18. $103 \times 6 + 2$
(a) 440 (b) 620 (c) 130 (d) 330
19. 222×7
(a) 1664 (b) 1553 (c) 1554 (d) 1555
20. 82×7
(a) 550 (b) 540 (c) 574 (d) 575
21. $77 + 39 - 42$
(a) 60 (b) 62 (c) 74 (d) 76
22. $88 + 22 - 33$
(a) 72 (b) 71 (c) 77 (d) 78
23. $29 - 3 + 60$
(a) 80 (b) 85 (c) 86 (d) 90
24. $63 + 72 - 12$
(a) 120 (b) 123 (c) 125 (d) 130
25. $70 + 7 + 7$
(a) 82 (b) 81 (c) 84 (d) 83
26. $80 - 40 - 20$
(a) 10 (b) 30 (c) 20 (d) 40
27. $75 + 2 + 3$
(a) 70 (b) 80 (c) 90 (d) 100
28. $(13 \times 3) + (20 \times 2)$
(a) 75 (b) 74 (c) 79 (d) 82
29. $(75 \div 5) + 10$
(a) 35 (b) 20 (c) 25 (d) 30
30. $(31 - 3) + 10$
(a) 42 (b) 32 (c) 38 (d) 40

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Class 7 : 1 mark for each correct answer. No Negative Marking.

Class 8 : 1 mark for each correct answer. 1 mark minus for every wrong answer.

No Negative Marking for not answering.

1. $30 + 28 + 25 + 13 + 12$

- (a) 180 (b) 118 (c) 108 (d) None of these

2. $49 + 52 + 63 + 28 + 30$

- (a) 213 (b) 233 (c) 222 (d) None of these

3. $36 + 29 + 40 + 16 + 51$

- (a) 172 (b) 182 (c) 168 (d) None of these

4. $46 + 69 + 10 + 22 + 35$

- (a) 182 (b) 172 (c) 162 (d) None of these

5. $73 + 18 + 29 + 47 + 80$

- (a) 237 (b) 247 (c) 274 (d) None of these

6. $91 + 32 + 19 + 21 + 50$

- (a) 214 (b) 234 (c) 213 (d) None of these

7. $89 + 63 + 90 - 40 - 12$

- (a) 180 (b) 190 (c) 109 (d) None of these

8. $67 + 29 - 30 + 47 - 35$

- (a) 87 (b) 78 (c) 76 (d) None of these

9. $36 + 44 - 29 + 63 - 17$

- (a) 69 (b) 97 (c) 91 (d) None of these

10. $82 + 73 - 60 + 38 - 22$

- (a) 101 (b) 110 (c) 111 (d) None of these

11. $46 + 28 - 32 - 12 + 71$

- (a) 101 (b) 110 (c) 120 (d) None of these

12. $75 + 25 - 67 + 53 - 30$

- (a) 56 (b) 65 (c) 67 (d) None of these

13. $249 + 363 + 472$

- (a) 1084 (b) 1804 (c) 1048 (d) None of these

14. $148 + 299 + 347$
(a) 794 (b) 749 (c) 497 (d) None of these
15. $205 + 417 + 670$
(a) 1922 (b) 1292 (c) 1229 (d) None of these
16. $479 + 873 - 677$
(a) 765 (b) 675 (c) 657 (d) None of these
17. $559 + 719 - 380$
(a) 898 (b) 889 (c) 988 (d) None of these
18. $819 + 140 - 399$
(a) 650 (b) 550 (c) 560 (d) None of these
19. $(33 \times 6) + (16 \times 4)$
(a) 252 (b) 226 (c) 262 (d) None of these
20. $(43 \times 7) + (36 \times 2)$
(a) 377 (b) 373 (c) 733 (d) None of these
21. $(63 \times 3) + (26 \times 4)$
(a) 239 (b) 293 (c) 923 (d) None of these
22. $(35 \times 5) - (25 \times 5)$
(a) 50 (b) 40 (c) 60 (d) None of these
23. $(17 \times 8) - (40 \times 3)$
(a) 61 (b) 60 (c) 16 (d) None of these
24. $(52 \times 7) - (71 \times 4)$
(a) 81 (b) 82 (c) 80 (d) None of these
25. $(222 \times 7) - (14 \times 3)$
(a) 1512 (b) 1422 (c) 1251 (d) None of these
26. $(313 \times 5) - (26 \times 4)$
(a) 1461 (b) 1641 (c) 1164 (d) None of these
27. $(470 \times 3) - (30 \times 6)$
(a) 1320 (b) 1230 (c) 1302 (d) None of these
28. $(963 \div 3) + (122 \times 4)$
(a) 900 (b) 908 (c) 809 (d) None of these
29. $(762 \div 2) + (205 \times 3)$
(a) 669 (b) 966 (c) 996 (d) None of these
30. $(7256 \div 8) + (360 \times 5)$
(a) 2707 (b) 2807 (c) 2700 (d) None of these

Time Limit : 20 Minutes

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MM : 30 Marks

Class 1 : 1 mark for each correct answer. No Negative Marking.

Class 2 : 1 mark for each correct answer. 1 mark minus for every wrong answer.

No Negative Marking for not answering.

1. **How many bones are there in human body?**
(a) 206 (b) 216 (c) 602 (d) 260
2. **What does sheep gives us?**
(a) milk (b) wool (c) meat (d) water
3. **Paper is obtained from which plant?**
(a) Teak (b) Oak (c) Bamboo (d) Big tree
4. **Water when freezed is changed into?**
(a) steam (b) Ice (c) liquid (d) gas
5. **What do bees give us?**
(a) Milk (b) Honey (c) Cotton (d) Oil
6. **Sun rises in which direction?**
(a) North (b) West (c) East (d) South
7. **What is a house made of snow called?**
(a) Tree (b) Bamboo (c) Igloo (d) Caravan
8. **Which is the oldest language?**
(a) Hindi (b) Sanskrit (c) English (d) Urdu
9. **Who was the first Indian woman to go to space?**
(a) Kiran Bedi (b) Kalpana Chawla (c) Saina Nehwal (d) Sania Mirza
10. **What does a caterpillar turn into?**
(a) Butterfly (b) Bird (c) Snake (d) Fish
11. **Which city is also known as pink city?**
(a) Hyderabad (b) Jaipur (c) Mumbai (d) Bangalore
12. **Current president of India?**
(a) Ram Nath Kovind (b) Rajnath Singh
(c) M. Venkaiah Naidu (d) Swati Kovind
13. **How many players are there in cricket team?**
(a) seven (b) ten (c) eleven (d) eight

- 14. How many colours does a rainbow have?**
(a) 8 (b) 9 (c) 17 (d) 4
- 15. Which is the National Fruit of India?**
(a) Apple (b) Plum (c) Banana (d) Mango
- 16. She is a famous singer and Bharat Ratna awardee?**
(a) Lata Mangeshkar (b) Shreya Ghoshal (c) Neha Kakkar (d) Alka Yagnik
- 17. Which is the tallest animal on earth?**
(a) Tiger (b) Giraffe (c) Pander (d) Lion
- 18. Which gas do human breathe to live?**
(a) Nitrogen (b) Argon (c) Oxygen (d) Carbon di oxide
- 19. Who was first Woman Prime Minister of India?**
(a) Indira Gandhi (b) Amrit Kaur (c) Pratibha Patil (d) Sonia Gandhi
- 20. What is a Kangaroo baby called?**
(a) Puppy (b) Joey (c) Kitten (d) Calf
- 21. He is a famous film maker from Kolkata?**
(a) Ram Gopal Verma (b) Satyajit Ray
(c) Anurag Kashyap (d) Raghavendra Rao
- 22. What is a song sung by two singers called?**
(a) solo (b) choir (c) duet (d) none
- 23. Which one of the below is a dance of Gujrat?**
(a) Giddha (b) Garba (c) Folk (d) Bhangra
- 24. What is a group that plays music together called?**
(a) Band (b) Club (c) Duet (d) Solo
- 25. It works very hard. It can carry bits of food heavier than itself?**
(a) Housefly (b) Ant (c) Grasshopper (d) none
- 26. Which game is played on a table and also called Ping Pong?**
(a) Billiards (b) Table Tennis (c) Carrom (d) Ludo
- 27. Which is the smallest bird?**
(a) Ostrich (b) Flamingo (c) Sparrow (d) Hummingbird
- 28. I am also known as a river horse?**
(a) Leopard (b) Hippopotamus (c) Cheetah (d) Bison
- 29. A bird active at night?**
(a) Pigeon (b) Ostrich (c) Owl (d) Robin
- 30. A Messenger bird?**
(a) Sparrow (b) Pigeon (c) Woodpecker (d) Crane



BRAINBEE NATIONAL OLYMPIAD

GENERAL KNOWLEDGE (Group 2) [Sample Paper]

Time Limit : 20 Minutes

MM : 30 Marks

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MM : 30 Marks

Class 3 : 1 mark for each correct answer. No Negative Marking.

Class 4 : 1 mark for each correct answer. 1 mark minus for every wrong answer.

No Negative Marking for not answering.

- 1. Geeta Phogat is related to which game?**
(a) Table tennis (b) Wrestling (c) Boxing (d) Swimming
- 2. Which bird lays the largest egg in the world?**
(a) Pigeon (b) Goose (c) Ostrich (d) Sparrow
- 3. Which organs are most affected by covid 19?**
(a) Veins (b) Lungs (c) Heart (d) Intestines
- 4. How many planets are there in solar system?**
(a) Eight (b) Seven (c) Nine (d) Seven
- 5. What is the currency of USA?**
(a) Yen (b) Dollar (c) dollar (d) Euro
- 6. Which is the closet planet to earth?**
(a) Mars (b) Venus (c) Saturn (d) Mercury
- 7. Who are Yash Chopra and Karan Johar?**
(a) Film Directors (b) Singers (c) Dancers (d) Doctors
- 8. Who invented the telephone?**
(a) Leonardo da Vinci (b) Thomas Alva Edison
(c) Nikola Tesla (d) Alexander Graham Bell
- 9. In which city is Charminar located?**
(a) Chennai (b) Hyderabad (c) Bangalore (d) Allahabad
- 10. Which is the National game of India?**
(a) Cricket (b) Badminton (c) Hockey (d) Polo
- 11. Which is the smallest state of India?**
(a) Andhra Pradesh (b) Goa (c) Bihar (d) Assam
- 12. Which is the National tree of India?**
(a) Banyan tree (b) Bombax tree (c) Ficus tree (d) Kigelia tree
- 13. Who is the first President of India?**
(a) Ram Nath Kovind (b) Narendra Modi
(c) Dr. Rajendra Prasad (d) Savita Kovind

14. **One who loves his country and serves it devotedly is?**
(a) Patriot (b) Revolutionary (c) Spy (d) Traitor
15. **Which is the highest mountain peak in the world?**
(a) Aconeagua (b) Mount Kilimanjaro
(c) Mount Everest (d) Peak
16. **Which plant grows in dry desert?**
(a) Neem (b) Tulsi (c) Tamavind (d) Cactus
17. **Who is known as the Iron Man of India?**
(a) Sardar Vallabhbhai patel (b) Kunwar Singh
(c) Mahatma Gandhi (d) Jawaharlal Nehru
18. **What is the folk dance of Assam called?**
(a) Bihu (b) Kathak (c) Ballet (d) Tap dance
19. **Which of the below is a famous sweet dish of Kolkata?**
(a) Imarti (b) Sandesh (c) Jalebi (d) Gulab Jamun
20. **Which of these sea animal's blood is blue in colour?**
(a) Spider (b) Lobster (c) Blue whale (d) Jelly fish
21. **Which of the below country's capital is Thimphu?**
(a) Nepal (b) Bhutan (c) Bangladesh (d) Bihar
22. **Which is the only snake that builds a nest?**
(a) King Cobra (b) Vipers (c) Elapid snakes (d) Russell's Viper
23. **Which is the currency of China?**
(a) Yen (b) Yuan (c) Taka (d) Euro
24. **Mount Everest the highest mountain peak of the world lies in this country?**
(a) Afghanistan (b) Nepal (c) Sri Lanka (d) Bhutan
25. **Which is the holy book of sikh religion?**
(a) Bhagvat Gita (b) Guru Granth Sahib
(c) Kuran (d) Bible
26. **What is the full form of "RAM"?**
(a) Random across memory (b) Read only memory
(c) Random access memory (d) Dynamic random memory
27. **Pet dog of Mickey mouse is?**
(a) Pluto (b) Snowy (c) Kigo (d) Dollar
28. **How is a pen coated with teflon better known as?**
(a) Carote (b) Granite (c) Nonstick (d) Toxic coating
29. **Radiations which help us to cook food in special oven are called?**
(a) Neutrons (b) Microwave radiations
(c) Electromagnetic waves (d) None of these
30. **What makes up (approx) 80% of our brain's volume**
(a) Cerebellum (b) Glial cells (c) Anatomy (d) Cerebellum

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1. **Which is the shortest bone in the human body?**
(a) Spine (b) Stapes (c) Skull (d) Collar bone
2. **What is the ratio of the Indian Flag?**
(a) 5 : 2 (b) 2 : 3 (c) 3 : 2 (d) 1 : 2
3. **Which is the hardest part of human body?**
(a) Enamel (b) Joints (c) Endocrine (d) Pancreas
4. **Which city is the capital of Andaman and Nicobar?**
(a) Daman (b) Chandigarh (c) Delhi (d) Port Blair
5. **Which is the biggest continent in the world?**
(a) Europe (b) Africa (c) Asia (d) South America
6. **Who is the first woman to become the President of India?**
(a) Pratibha Patil (b) Shushma Swaraj (c) J. Jayalalithaa (d) Smriti Irani
7. **What is the liquid component of blood?**
(a) Cymph (b) Plasma (c) Sinovial fluid (d) None of these
8. **What is the name of India and Pakistan border?**
(a) Palk strait (b) Radcliffe line (c) Radoliff line (d) Durand line
9. **How many players are there in a team of basketball?**
(a) 3 (b) 6 (c) 5 (d) 7
10. **Which country had the second largest population in the world?**
(a) India (b) Pakistan (c) China (d) Russia
11. **In which country does Kiwi flightless bird lives?**
(a) China (b) Newzealand (c) Germany (d) Australia
12. **Where is the All India Institute of medical science situated?**
(a) Delhi (b) Hyderabad (c) Benguluru (d) Chennai
13. **If Ganesha rides on a rat what does Vishvakarma ride on?**
(a) Trutle (b) Elephant (c) Deer (d) Lotus
14. **C⁺⁺, Java, Cobal are all type of what?**
(a) Different programmer languages (b) Computer languages
(c) Visual basic (d) Machine code

- 15. Which vitamin is abundant in citrus fruits?**
(a) Vitamin A (b) Vitamin B (c) Vitamin C (d) Vitamin D
- 16. Who was the last Mughal Emperor of India?**
(a) Bahardur shah (b) Akbar (c) Jahangir (d) Babur
- 17. What grows quicker?**
(a) Toenails (b) Hair (c) Eye lashes (d) None of these
- 18. Which planet has the giant red spot?**
(a) Jupiter (b) Venus (c) Mercury (d) Mars
- 19. Which of the following is not a metal?**
(a) Gold (b) Resin (c) Silver (d) Copper
- 20. Which is the largest Plateau in the world?**
(a) Deccan Plateau (b) Madhya Bhart Plateau
(c) Tibetan Plateau (d) Zirocon Plateau
- 21. What is used by driver to determine the direction of running the car?**
(a) Brake light (b) Steering Wheel (c) Bumper (d) Door handle
- 22. Is the temperature of the moon higher or lower during the day?**
(a) Lower (b) Higer (c) No difference (d) Same
- 23. In which part of stem is the leaf attached?**
(a) Petiole (b) Node (c) Flower (d) Roots
- 24. What is Mahatma Gandhi called?**
(a) Father of Nation (b) Peace Man (c) Chacha Nehru (d) None of these
- 25. On the bank of which river is Delhi situated?**
(a) Yamuna (b) Ganga (c) Kavari (d) Satluj
- 26. How many union territories are there in India?**
(a) 8 (b) 9 (c) 10 (d) 11
- 27. Name the famous crop of Assam?**
(a) Coffee (b) Tea (c) Wheat (d) Maize
- 28. What is Japan also known as?**
(a) The land of rising sun (b) The land of flower
(c) The land of high rises (d) The land of Agriculture
- 29. Who invented the computer?**
(a) Charles Babbage (b) Alexander Abhrham Bell
(c) Issac Newton (d) None of these
- 30. What is the fear of crossing road called?**
(a) Zoo phobia (b) Hydrophobia (c) Agrophobia (d) None of above

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Class 8 : 1 mark for each correct answer. 1 mark minus for every wrong answer.

No Negative Marking for not answering.

- 1. What is the filament in a light bulb made of?**
(a) Nylon (b) Turgsten (c) Plastic (d) Rubber
- 2. How many squares does a chessboard have?**
(a) 64 (b) 21 (c) 46 (d) 50
- 3. Which Acetic acid is used in the preparation of pickles?**
(a) Nitric acid (b) Sulfuric acid (c) Formic (d) Vinegar
- 4. Which bird uses its beak to stitch its nest?**
(a) Humming bird (b) Tailor bird (c) Goose (d) Pheasant
- 5. Which African animal is a mix of Giraffe and Zebra?**
(a) Okapi (b) Jay (c) Swan (d) Falcon
- 6. Which is the hottest Planet in the Solar system?**
(a) Jupiter (b) Uranus (c) Venus (d) Neptune
- 7. India's first air taxi service has been launched in which city?**
(a) Delhi (b) Chandigarh (c) Mumbai (d) Chennai
- 8. Which country became the first to receive the Indian COVID 19 vaccine?**
(a) Maldives (b) Germany (c) Argentina (d) Algeria
- 9. How long can the camel survive without water?**
(a) Almost 60 days (b) Almost 30 days (c) Almost 20 days (d) Almost 10 days
- 10. Name the animal that has the longest lifespan?**
(a) Tortoise (b) Chimpanzee (c) Gorilla (d) None of these
- 11. What is the height of the highest peak, Mount Everest?**
(a) 8849 m (b) 8850 m (c) 8848 m (d) 8890 m
- 12. Who was the first Indian Woman to climb Mount Everest?**
(a) Arunima Saha (b) Premlata (c) Santosh Yadav (d) Bachendri Pal
- 13. Who was the first president of United States?**
(a) George Washington (b) Donald Trump
(c) Jill Biden (d) Barack Obama

- 14. Which state of India has the longest coastline?**
(a) Maharashtra (b) Goa (c) Tamil Nadu (d) Gujarat
- 15. The grassland of North America are called?**
(a) Prairies (b) Tropical Grassland
(c) Temperate (d) Flooded
- 16. Which organ performs blood purification in the human body?**
(a) lungs (b) small Intestines (c) Gall bladder (d) Kidney
- 17. What disease is caused by Vitamin B deficiency?**
(a) Anemia (b) Beriberi (c) Rickets (d) Scurvy
- 18. Ornithology is the scientific study of?**
(a) animal (b) Insect (c) Birds (d) Ecology
- 19. By which process does the excess water in plants get released?**
(a) Photosynthesis (b) Pollination (c) Transpiration (d) Respiration
- 20. Which of the below is a Fungal infection of the skin?**
(a) Ringworm (b) Gills (c) Truggle (d) Fermentation
- 21. Yeast is also a good source of vitamin?**
(a) A (b) B (c) C (d) D
- 22. Where was world's first parliament?**
(a) Switzerland (b) Iceland (c) Nepal (d) Bhutan
- 23. What is the capital of Denmark?**
(a) Vienna (b) Helsinki (c) Ottawa (d) Copenhagen
- 24. Which city is called the city of lights?**
(a) Mumbai (b) Paris (c) Delhi (d) Chennai
- 25. Which city is called city of seven wills?**
(a) Rome (b) London (c) Europe (d) Brazil
- 26. What instrument does maestro pandit Shiv Kumar Sharma play?**
(a) Tabla (b) Santoor (c) Wood block (d) Sitar
- 27. Which dance form are Birju Maharaj and Gopi Krishna renowned for?**
(a) Bharatanatyam (b) Garba (c) Odissi (d) Kathak
- 28. Which team won the first match in the history of the world cup football?**
(a) Brazil (b) Russia (c) France (d) South Africa
- 29. You must have used the UPI facility. What does this mean?**
(a) Unified Payment Interface (b) Uttar Pradesh Police
(c) Uninterrupted Power Input (d) Union Police Input
- 30. Where is the headquarters of world Economic Forum?**
(a) Canada (b) China (c) France (d) Switzerland

BRAINBEE NATIONAL OLYMPIAD

ANSWER SHEET

MENTAL MATHS (Group 1)				GENERAL KNOWLEDGE (Group 1)			
1	a	16	d	1	a	16	a
2	b	17	a	2	b	17	b
3	a	18	d	3	c	18	c
4	a	19	c	4	b	19	a
5	c	20	a	5	b	20	b
6	d	21	d	6	c	21	b
7	d	22	b	7	c	22	c
8	c	23	b	8	b	23	b
9	a	24	a	9	b	24	a
10	b	25	a	10	a	25	b
11	b	26	a	11	b	26	b
12	d	27	d	12	a	27	d
13	a	28	c	13	c	28	b
14	a	29	d	14	c	29	c
15	a	30	c	15	d	30	b

BRAINBEE NATIONAL OLYMPIAD

ANSWER SHEET

MENTAL MATHS (Group 2)				GENERAL KNOWLEDGE (Group 2)			
1	a	16	b	1	b	16	d
2	b	17	a	2	c	17	a
3	c	18	a	3	b	18	a
4	a	19	c	4	a	19	b
5	d	20	c	5	b	20	b
6	c	21	a	6	b	21	b
7	c	22	a	7	a	22	a
8	c	23	c	8	d	23	b
9	c	24	b	9	b	24	b
10	a	25	c	10	c	25	b
11	b	26	a	11	b	26	c
12	c	27	b	12	a	27	a
13	a	28	b	13	c	28	c
14	b	29	c	14	a	29	b
15	b	30	a	15	c	30	b

BRAINBEE NATIONAL OLYMPIAD

ANSWER SHEET

MENTAL MATHS (Group 3)				GENERAL KNOWLEDGE (Group 3)			
1	d	16	c	1	b	16	a
2	a	17	b	2	c	17	b
3	c	18	b	3	a	18	a
4	c	19	c	4	d	19	b
5	d	20	c	5	c	20	c
6	c	21	c	6	a	21	b
7	a	22	a	7	b	22	b
8	d	23	c	8	b	23	b
9	b	24	c	9	c	24	a
10	a	25	a	10	a	25	a
11	b	26	a	11	b	26	a
12	b	27	b	12	a	27	b
13	c	28	c	13	b	28	a
14	d	29	c	14	b	29	a
15	c	30	c	15	c	30	c

BRAINBEE NATIONAL OLYMPIAD

ANSWER SHEET

MENTAL MATHS (Group 4)				GENERAL KNOWLEDGE (Group 4)			
1	c	16	b	1	b	16	d
2	c	17	a	2	a	17	b
3	a	18	c	3	d	18	c
4	a	19	c	4	b	19	c
5	b	20	b	5	a	20	a
6	c	21	b	6	c	21	b
7	b	22	a	7	b	22	b
8	b	23	c	8	a	23	d
9	b	24	c	9	b	24	b
10	c	25	a	10	a	25	a
11	a	26	a	11	c	26	b
12	a	27	a	12	d	27	d
13	a	28	c	13	a	28	c
14	a	29	c	14	d	29	a
15	b	30	a	15	a	30	d