

THE WINNING EDGE DEFENCE ACADEMY

RIMC – WEEKLY TEST – 1st

INSTRUCTIONS:

Attempt all questions.

Max. Marks 100

Time 1 Hour

SECTION – A: MATHEMATICS (50 MARKS)

1. The sum of the digits of a 2 - digit number is 7. if the digits are reversed, the new number is 3 less than 4 times the original number. find the original number.

- a) 10 b) 5 c) 16 d) 01

2. Evaluate: $[(18 - 6) \div 4] + [72 - 12 \div 3 \text{ of } 2]$

- a) 75 b) 73 c) 146 d) 112

3. Find the number whose product is one digit number and sum is two digit number

- a) 9 b) 10 c) 19 d) 11

4. A two-digit number is such that the product of its digits is 35. When 18 is added to the number, the digits interchange their places. Find the number.

- a) 23 b) 57 c) 42 d) 61

5. In a two-digit number digit at tens place is twice the digit at units place. if the number obtained by interchanging the digits is added to the original number, the sum is 66. find the number.

- a) 23 b) 57 c) 42 d) 61

6. The ten's digit of a two-digit number is twice the unit's digit. The sum of the number and its unit's digits is 66. Find the number.

- a) 23 b) 41 c) 63 d) 22

7. Simplify: $25 - [20 - \{10 - (7 - \overline{5 - 3})\}]$

- a) 10 b) 15 c) 30 d) 5

8. Evaluate: $[\{(125 \times 33 \div 11 + 2) \times 34\} \div 493] \times \frac{1}{2}$

- a) 10 b) 15 c) 13 d) 26

9. Find the square root of 89

- a) 9.433 b) 9.526 c) 10.01 d) None of the above

10. Find the square root of 34689

- a) 186.248 b) 186.249 c) 184.259 d) 189.654

SECTION – B: ENGLISH (30 MARKS)

Read the below paragraph and answer the question 1 to 10.

on the edge! Woo-hoo!” It’s become a popular way to look at life. But if you see, even highways have the choices we make on a daily basis—wearing a seatbelt, lifting heavy objects correctly or purposely staying out of any dangerous situation—can either ensure our safety or bring about potentially harmful circumstances.

You and I need to make a decision that we are going to get our lives in order. Exercising self-control, self-discipline and establishing boundaries and borders in our lives are some of the most important things we can do. A life without discipline is one that’s filled with carelessness.

We can think it’s kind of exciting to live life on the edge. We like the image of “Yeah! That’s me! Living.

I’m not proud of this, but for the first 20 years of my life at work, I ignored my limits. I felt horrible, physically, most of the time. I used to tell myself “I know I have limits and that I’ve reached them, but I’m going to ignore them and see if or how long I can get by with it.” I ran to doctors, trying to make myself feel better through pills, vitamins, natural stuff and anything I could get my hands on. Some of the doctors would tell me, “It’s just stress.” That just made me mad. I thought stress meant you don’t like what you do or can’t handle life, and I love what I do. But I kept pushing myself, traveling, doing speaking engagements and so on— simply exhausting myself.

Finally, I understood I was living an unsustainable life and needed to make some changes in my outlook and lifestyle.

You and I don’t have to be like everyone else or keep up with anyone else. Each of us needs to be exactly the way we are, and we don’t have to apologize for it. We’re not all alike and we need to find a comfort zone in which we can enjoy our lives instead of making ourselves sick with an overload of stress and pressure.

1. Which of the characteristics are apt about the writer in the following context: “I know I have limits and that I’ve reached them, but I’m going to ignore them and see if or how long I can get by with it.”?

- | | | | |
|--------------|----------------|----------------|------------|
| 1) negligent | 2) indecisive | 3) spontaneous | |
| 4) reckless | 5) purposeless | 6) patient | |
| a) 2 and 5 | b) 3 and 6 | c) 1 and 4 | d) 2 and 3 |

2. The reason why living on the edge has become popular, is because of the

- | | |
|---|---|
| a) constant need for something different. | b) population being much younger. |
| c) exhausting effort to make changes. | d) strong tendency to stay within our limits. |

3. The phrase “potentially harmful circumstances” refers to circumstances that can

- a) certainly be dangerous. b) be fairly dangerous. c) be possibly dangerous. d) seldom be dangerous.

4. Choose the option that correctly states the two meanings of ‘outlook’, as used in the passage.

1. A person’s evaluation of life

2. A person’s experiences in life

3. A person's point of view towards life

4. A person's regrets in life

5. A person's general attitude to life

- a) (1) and (4) b) (2) and (3) c) (3) and (5) d) (4) and (5)

5. Choose the option that best captures the central idea of the passage from the given quotes.

- a) It's all about quality of life and finding a happy balance between work and friends.
b) To go beyond is as wrong as to fall short.
c) Life is like riding a bicycle. To keep your balance you must keep moving.
d) Balance is not something you find, it's something you create.

6. The author explains the importance of discipline and boundaries in our lives using the example of

- a) road accidents. b) traffic rules. c) lines on the highway. d) safe driving.

7. The author attempts to _____ the readers through this write-up.

- a) rebuke b) question c) offer aid to d) offer advice to

8. What is the message conveyed in the last paragraph of the passage?

- a) Love what you do. b) Love yourself to love others.
c) Be the best version of yourself. d) Be yourself

9. Which of the following will be the most appropriate title for the passage?

- a) Much too soon b) Enough is enough c) How much is too much? d) Have enough to do?

10. The author uses colloquial words such as "yeah" and "Woo-hoo!". Which of the following is NOT a colloquial word?

- a) hooked b) guy c) stuff d) stress

Choose appropriate preposition from the given options for question 11 to 20.

11. This shop doesn't have the books we were looking for_____.

- a) Up b) For

12. The governess distributed chocolates_____ the two brothers.

- a) Between b) Among

13. Simone did not score good grades_____ his final semester.

- a) In b) at

14. Dogs are always loyal_____ their master.

- a) to b) For

15. My birthday is_____ 20th January.

- a) On b) In

16. The girl working_____the departmental store is pretty.

- a) At b) On

17. Netaji Subhas Chandra Bose was born_____23rd January.

- a) At b) On

18. My little boy is not fond_____milk.

- a) off b) Of

19. The cat jumped_____the table to the sofa

- a) From b) Above

20. The IAS officer was posted_____the rural office

- a) At b) On

Chose antonym from the given options from question 21 to 30.

21. Minor

- a) Heavy b) Tall c) Major d) Big

22. Nice

- a) Decent b) Unpleasant c) Sorry d) Polite

23. Shallow

- a) High b) Hidden c) Hollow d) Deep

24. Conflict

- a) Confer b) Collide c) Coverage d) Contrast

25. Content

- a) Exhausted b) Peaceful c) Dissatisfied d) Excited

26. Fierce

- a) Gentle b) Violent c) Inactive d) Careful

27. Abolish

- a) Revoke b) Repair c) Success d) Terminate

28. Solid

- a) Dirty b) Dangerous c) Strong d) Soft

29. Artificial

- a) Dummy b) Earthy c) Spurious d) Synthetic

30. Anxiety

- a) Calmness b) Leisure c) Scare d) Apprehension

SECTION – C: GENERAL KNOWLEDGE (20 MARKS)

1. What is the term of United Nations Secretary General?

- a) 3 years b) Atlantic Ocean c) Pacific Ocean d) Antarctic Ocean e) Arctic Ocean

2. Which amongst the following is the largest ocean

- a) Atlantic Ocean b) Pacific Ocean c) Antarctic Ocean d) Arctic Ocean

3. Which is the highest lake in the world?

- a) Lake Titica b) Lake Sambhar c) Dal Lake d) None of the above

4. What has the same dimensions as that of Kinetic energy.

- a) Work b) Force c) Momentum d) Pressure

5. Which of the following is not the main organ of the U. N. O.?

- a) General Assembly b) Security Council c) Trusteeship Council d) UNESCO

6. What is the right group in case of basic fundamental units?

- a) Mass, Time and Steradian b) Electric current, Radian and Luminous intensity
c) Length, Time and Luminous intensity d) Amount of substance, Flux and Luminous intensity

7. What is the unit of Energy out of the following?

- a) Ohm b) Newton c) Electron Volt d) Farad

8. Name the component of the blood that fights infection

- a) WBC b) RBC c) Platelets d) Albumins

9. Which of the following is a salt water lake?

- a) Sambhar lake b) Lake Titica c) Dal Lake d) Lake Baikal

10. In which Indian state is Chauri Chaura village located?

- a) Uttar Pradesh b) Uttarakhand c) Bihar d) Jharkhand

11. How many Judges are there in the International Court of Justice?

- a) 9 b) 10 c) 11 d) 15

12. Bar is a unit of

- a) Temperature b) Heat c) Atmospheric pressure d) Current

13. The world's deepest lake is located in which country?

- a) Siberia b) USA c) Pakistan d) New Zealand

14. When was the United Nations Environment Program (UNEP) established?

- a) 5 June 1972 b) 5 June 1950 c) 5 June 2005 d) 5 June 2006

15. The frequency of the sound waves is measured in

- a) Ampere b) Meter c) Newton d) Hertz

16. Which River is called the "sorrow of China?"

- a) Hwang-Ho b) Kaveri c) Nile d) Tsangpo

17. Where is Hemis National Park situated?

- a) Jammu & Kashmir b) Uttarakhand c) Madhya Pradesh d) Haryana

18. Which of the following countries is not a permanent member of the UN Security Council?

- a) USA b) UK c) France d) Spain

19. Light year is a unit of:

- a) Distance b) Light c) Speed d) Time

20. When a river falls into a lake, or a sea or ocean is known as its

- a) Mouth b) Basin c) Cliff d) Slope

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