

NUMERICAL ABILITY – 10 Marks

1. A man bought a house for Rs. 5,00,000. For how much should he sell it so as to gain 10%?
a. Rs. 5,25,000 b. Rs. 5,15,000 c. Rs. 5,50,000 d. Rs. 5,75,000
2. The average of the first six multiples of 7 is (choose the approximate value)
a. 25 b. 21 c. 28 d. 26
3. What is the prime factorization of 68?
a. $2^3 \times 17$ b. $3^2 \times 15$ c. $2^2 \times 17$ d. 2×34
4. A bag contains 15 fruits of which some are grapes and others are apples. If the probability of drawing an apple is twice that of a grape, find the number of grapes in the bag.
a. 8 b. 5 c. 3 d. 10
5. If $x = 5 + 2\sqrt{6}$ and $y = 5 - 2\sqrt{6}$, then $x^2 + y^2 =$ _____.
a. 86 b. 94 c. 82 d. 98
6. If the area of an equilateral triangle is $4\sqrt{3} \text{ cm}^2$. Its side is ____ cm.
a. 2 b. 6 c. 8 d. 4
7. What is the number of numbers between 600 and 800 if both the numbers are counted?
a. 201 b. 200 c. 199 d. 202
8. Which of the following numbers is not divisible by 13?
a. 111748 b. 128962 c. 101797 d. 113438
9. Find the expression which is formed by 'sixth multiple of "m" is added with 11'.
a. $6 + 11m$ b. $6m + 11$ c. $(6 + 11)m$ d. $11(6m)$
10. Preethi walks at a speed of 12 m per sec for 3 sec, then at a speed of 15 m per sec for 5 sec. How far did Preethi walk in all?
a. 111 m b. 98 m c. 101 m d. 104 m

APTITUDE & REASONING– 10 marks

1. Find the odd one out: 2, 5, 10, 17, 26, 37, 51
a. 37 b. 37 c. 51 d. 5
2. A boy goes to see a picture and sees a man sitting to his left and found that the man was his relative. The man was the husband of the sister of his mother. How is the man related to the boy?
a. Uncle b. Nephew c. Brother d. Brother-in-law
3. If a person is able to build a house in 7 months, how many similar houses can he build in 49 months?
a. 9 b. 7 c. 8 d. None of the above

4. Teacher: School : : Doctor : ?
 a. Police station b. Office c. Hospital d. Court
5. If PAPER is coded as QBQFS, REMOTE is coded as
 a. SFMPUF b. SFNPUF c. SENPVF d. SFOQUF
6. Find out the word which **cannot** be made from the word given –“HIPPOPOTAMUS”.
 a. Pompous b. Upshoot c. Shampoo d. Tampon
7. A man's wage was Rs. 5000. It was reduced by 50%. The reduced wage was then increased by 50%. His present wage was?
 a. Rs. 5000 b. Rs. 4250 c. Rs.3750 d. None of these
8. Deeraj is preparing a calendar for bulletin board. Which day of the week would be 30th January if 1st January was Friday?
 a. Sunday b. Monday c. Wednesday d. Saturday
9. 1, 8, 27, 64, 125, 216, 343, ____, 729, 1000
 a. 521 b. 512 c. 502 d. 522
11. In a row of boys, M is 8th from the right and S is also 8th from the left. When M and S interchange their positions, S becomes 16th from the left. How many boys are there in the row?
 a. 25 b. 26 c. 24 d. 23

ENGLISH – 15 marks

1. Read the sentence to find out whether there is any grammatical error in it. The letter of that part is the answer.
 a. One of the members b. express doubt if c. the hero was an atheist d. No error
2. It is another two weeks __ the holidays.
 a. upto b. over c. for d. until
3. I saw a _____ of cows when I visited the field.
 a. Swarm b. Group c. Flock d. Herd
4. _____ to Bangalore on the train yesterday?
 a. Did Ganga went b. Did Ganga go c. Ganga go d. Ganga goes
5. There is a flower ---- the floor. Please put it ---- the basket.
 a. at / into b. on / at c. on / in d. over / at
6. My brother has a big exam next month so he is already burning the midnight oil. The underlined words mean
 a. Close to midnight b. wasting the time c. To stay awake late at night d. Sleeping in the midnight

7. I was teaching Science when he ____ the classroom (enter)?
 a. entered b. had entered c. will have entered d. was entering
8. "Does everyone wish to be happy?" - Which type of sentence is this?
 a. Interrogative b. Declarative c. exclamatory d. Imperative
9. Catching the earlier bus will give us the _____ to do some shopping.
 a. chance b. possibility c. luck d. choice
10. Rearrange the jumbled phrases to make meaningful a sentence.
 Do not/ please/ the roads/ litter
 A B C D
 a. CADB b. BACD c. ABDC d. BADC
11. Replace the underlined part with its alternate meaning.
 Names of some students have been cut off the register.
 a. a cut out b. struck out c. struck off d. no improvement

Read the following passage carefully to answer the questions that follow.

Erosion of America's farmland by wind and water has been a problem since settlers first put the prairies and grasslands under the plow in the nineteenth century. By the 1930s, more than 282 million acres of farmland were damaged by erosion. After 40 years of conservation efforts, soil erosion has accelerated due to new demands placed on the land by heavy crop production. In the years ahead, soil erosion and the pollution problems it causes are likely to replace petroleum scarcity as the nation's most critical natural resource problem

12. We can understand from the reading that ----.
 a. Today soil erosion in America causes humans to place new demands on the land.
 b. Today soil erosion in America is worse than it was in the nineteenth century.
 c. Today soil erosion in America is the most critical problem that the nation faces.
 d. Today soil erosion in America happens so slowly that is hardly noticed.
13. It is pointed out in the reading that ----.
 a. In America petroleum is causing heavy soil erosion and pollution problems.
 b. In America soil erosion has been hastened due to the overuse of farming lands.
 c. In America water is undoubtedly the largest cause of erosion.
 d. There are many ways to reduce erosion in America.
14. Scarcity means _____
 a. Shortage b. Shorter c. Poor d. Unusual
15. Plow means _____
 a. Fishing b. Hunting c. Farming d. none of the above

CURRENT AFFAIRS & GENERAL AWARENESS – 15 MARKS

1. What is the base year fixed for calculating the Wholesale Price Index (WPI) in India?
a. 2011-12 b.2010-11 c.2013-14 d.2015-16
2. What is the theme of World Metrology Day 2021?
a. Measurements for transport.
b. Measurement for Health.
c. Measurements for climate.
d. Measurements for global trade.
3. Which of the following state has approved the formation of the Legislative Council recently?
a. Rajasthan
b. Maharashtra
c. Gujarat
d. West Bengal
4. Who has been appointed as the brand ambassador of ASICS?
a. Deepika Padukone
b. Sania Mirza
c. Ravindra Jadeja
d. Virat Kohli
5. When is the International Dance Day observed globally?
a. 28 April
b. 29 April
c. 29 June
d. 29 May
6. Which country has launched a robot prototype named as 'NEO-01' to clear space debris?
a. Japan
b. India
c. China
d. Russia
7. Central Excise Day is observed every year in India on which day?
a. 24 February
b. 24 March
c. 24 April
d. 24 May
8. The Khelo India University Games (KIUG) 2021 will be hosted by which state?
a. Gujarat
b. Tamilnadu
c. Karnataka
d. Maharashtra
9. Who among the following has become the youngest woman to row solo across an Ocean recently?
a. Lukas Haitzmann
b. Roz Savage
c. Imani Williams
d. Jasmine Harrison

10. Garampani sanctuary is located at?

- a. Gujarat
- b. Assam
- c. Nagaland
- d. Sikkim

11. Federation Cup, World Cup, Allywyn International Trophy and Challenge Cup are related to?

- a. Cricket
- b. Football
- c. Tennis
- d. Volleyball

12. Each year World Red Cross and Red Crescent Day is celebrated on?

- a. 18 May
- b. 8 May
- c. 8 June
- d. 18 June

13. What is Round Revolution is for?

- a. Fish production
- b. Potato production
- c. Onion production
- d. Tomato production

14. What is the classical dance form of Andhra Pradesh?

- a. Katha
- b. Barat natyam
- c. Kuchipudi
- d. Kathakali

15. What is the second longest river in India?

- a. Indus
- b. Godavari
- c. Yamuna
- d. Kaveri

Write an essay of 300 words on “Organic Farming in India” or “Growing Intolerance in the world” – 10 MARKS

KEY

NUMERICAL ABILITY:

- 1) c
- 2) a
- 3) c
- 4) b
- 5) d
- 6) d
- 7) a
- 8) c
- 9) b
- 10) a

APTITUDE & REASONING

- 1) c
- 2) a
- 3) b
- 4) c
- 5) b
- 6) d
- 7) c
- 8) d
- 9) b
- 10) d

ENGLISH

- 1) b
- 2) d
- 3) d
- 4) b
- 5) c
- 6) c
- 7) a
- 8) a
- 9) a
- 10) d
- 11) c
- 12) b
- 13) b
- 14) a
- 15) c

CURRENT AFFAIRS & GENERAL AWARENESS

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

- 5)b
- 6)c
- 7)a
- 8)c
- 9)d
- 10)a
- 11)c
- 12)b
- 13)b
- 14)c
- 15)b