

GENERAL ENGLISH

20 MARKS

1. Fill in the Blanks with the right option:

(i) You are late. The train _____ already.

(a) left (b) has left

(c) will leave (d) had left

(e) leave

(ii) The market _____ usually noisy in the morning.

(a) is (b) has (c) was

(d) were (e) will be

2. Fill in the blanks with appropriate articles:

(i) Are you looking for _____ shampoo?

(ii) Can I have _____ spoon please?

3. Fill in the blanks with right option:

(i) She _____ be friendly, but she usually isn't.

(a) might (b) may (c) can

(d) could (e) will

(ii) He _____ run faster if he was not so lazy.

(a) should (b) could (c) may

(d) can (e) would

4. Choose the correct preposition in each sentence.

(i) I Knocked him _____ accidentally.

(a) on (b) by

(c) over (d) with

(ii) Go _____ there and catch my ball.

(a) over (b) on

(c) in (d) at

5. In these questions, each passage consist of six sentences. The first and the sixth sentence are given in the beginning. The middle four sentences in each have been jumbled up. These are labeled P, Q,R and S. You are required to find out the proper sequence of the four sentences from the given alternatives (a),(b),(c) and(d).

(i) I Mom was pleased to receive your wishes on her birthday.

II. Your Mom has forgotten all the bitterness and sends her blessings to you.

P: Girl! Wishes are more powerful than any other thing in the world.

Q. Both of us had forgotten the day.

R. Your letter holds a proof of it.

S. It was your letter and the card which reminded us of it.

- A. PSQR B. QRSP
C. RQSP D. QSPR

(ii) A: He was so busy with them that he did not get time to eat.

B: Thousands of people came to him and asked different types of questions.

C: No one cared to see that he had his food or rest that night.

D: Swami Vivekananda once stayed in a small village. The proper sequence should be

- A. BCDA B. CBAD
C. DBAC D. DBCA

6. Choose the correct one:-

(i) He said to me, "I shall write an essay".

(A) He said to me that he would write an essay.

(B) He told me that he would write an essay.

(C) He said to me that he will write an essay.

(D) He told me that he would write an essay.

(ii) He said to you, "You may go out".

(A) He told you that you might be go out.

(B) He said you that you might be go out.

(C) He told you that you may go out.

(D) He told you that you might go out.

7. Identify the correct one:-

(i) You can help us.

(A) We can be help by you.

(B) We could be helped by you.

(C) We can be helped by you.

(D) We are helped by you.

(ii) Please help me.

(A) I am helped.

(B) You are advised to help me.

(C) I was helped.

(D) You are requested to help me.

8. Choose the correct Clauses in each sentence.

(i) If had enough money, I ___ that radio.

(a) bought (b) would buy

(c) would have bought (d) had bought

(ii) Can you imagine _____?

(a) how cute they are

(b) how cute are they

(c) how they are cute

(d) are they cute

9. Choose the antonym of the underlined word:

(i) There is a dearth of skilled workers in this area.

(a) Shortage

(b) plentifulness

(c) Scarcity

(d) paucity

10. Identify the synonym of the underlined word:

Tourism brings in 50% of the island's invisible earnings.

(a) Suitable

(b) Unseen

(c) Comfortable

(d) Incredible

- (a) East (b) West (c) North-east
(d) South (e) None of these

10. Pointing to ketan, Namrata said, " He is the son of my father's only son." How is Ketan's mother related to Namrata?

- (a) Daughter (b) Aunt (c) Sister
(d) Can't be determined
(e) None of these

11. A woman introduces a man as the son of the brother of her mother. How is the man related to the woman?

- (a) Nephew (b) Son (c) Cousin
(d) Uncle (e) Grandson

12. In each of the following questions, a statement is given, followed by two conclusions.

Give Answer:

- a) if only conclusion I follows,
b) if only conclusion II follows,
c) if either I OR II follows,
d) if neither I nor II follows,
e) if both I and II follow

(i) Statement : Sonya scored 94% marks in the examination.

Conclusion:

I. Sonya topped in her class

II. Sonya is a bright student

13. Statement : The national norm is 100 beds per thousand population but in this state it is 150 beds per thousands.

Conclusion:

I. Our national norm is appropriate .

II. The state's health system is taking adequate care in this regard.

14. Select the related letter from the given alternatives.

(i) AB: OPQR :: WXYZ: ?

- (a) EFGH (b) KLMN (c) QRST
(d) STUV (e) None of these

15. In each of the following questions find out the alternative which will replace the question mark.

(i) Candle: Wax :: Paper: ?

- (a) Wood (b) Tree (c) Bamboo
(d) Pulp (e) None of these

16. In each of the following questions, there is a certain relationship between two given numbers on one side of :: and one number is given on another side of :: while another number is to be found from the given alternatives, having the same

relationship with this number as the numbers of the given pair bear. Choose the best alternative.

(i) 12 : 72 :: 8 : ?

(a) 0 (b) 32

(c) 36 (d) 38

17. Spot the stranger, in the following group out :

(a) Physics (b) Chemistry

(c) Biology (d) Zoology (e) English

18. Choose the Odd One :

(a) 13-31 (B) 45-54

(c) 16-61 (d) 71-88

19. Choose the word which is least like the other words in the group:

(a) Snake (b) Lizard (c) Turtle

(d) Whale (e) Crocodile

20. If G \$ M @ K, how is K related to G?

(a) Daughter (b) Mother-in-law

(c) Daughter (d) Aunt

(e) None of these

COMPUTER

20 MARKS

1. Which one is a Random Access Memory?

- (a) RAM (b) ROM (c) CPU
(d) PROM (e) None

2. A _____ is approximately a million bytes.

- (a) Kilobyte (b) gigabyte
(c) Megabyte (d) Terabyte (e) None

3. When vacuum tube was invented?

- (a) 1st gen (b) 2nd gen (c) 3rd gen
(d) 4th gen (e) None

4. HTTP, FTP and SMTP are involved in _____ layer.

- (a) Application (b) Session (c) Transport
(d) All of the above (e) None

5. Computer connected with LAN.....

- (a) Work fast (b) Go Online
(c) Send e-mail (d) Share information or device
(e) None

6. First computer network of world is:-

- (a) I-net (b) V Net (c) Arpanet
(d) Both a and b (e) None

7. .Com is related to _____

- (a) Personal site (b) Art Organization
(c) Commercial organization (e) None

8. WWW uses _____ protocol.

- (a) FTP (b) HTTP (c) TelNet
(d) SMTP (e) None

9. Internet starts in India at _____

- (a) 15 aug 1995 (b) 20 aug 1995
(c) 15 aug 1996 (d) 8 aug 1995
(e) None

10. Convert binary number 11001100 into octal number _____

- (a) 314 (b) 766 (c) 187
(d) 325 (e) None of these

11. The smallest unit of information a computer can understand and process is known as a _____

- (a) digit (b) kilo byte (c) Bit
(d) Byte (e) None of these

12. _____ is the result produced by a computer.

- (a) data (b) Memory
(c) Output (d) Input
(e) None of these

13. The ALU and the CU of a computer jointly known as__

- (a) CPU (b) System board
(c) Circuit board (d) Computer
(e) None of these

14. Convert the Octal number 347 into binary number__

- (a) 111000101 (b) 011100111
(c) 101110101 (d) 100000111
(e) None of these

15. Clock speed is a speed at which _____executes instruction.

- (a) RAM (b) ROM
(c) Processor (d) Printer
(e) None of these

16. The code of web pages is written using_

- (a) Fifth generation language
(b) HTML (c) WInZip
(d) C++ (e) None of these

17. IP Address 192.5.48.3 belongs to__

- (a) Class A (b) Class B
(c) Class C (d) Class D

(e) None of these

18. Which type of web document is run at the client site_____

- (a) Static (b) Dynamic
(c) Active (d) All of the above
(e) None of these

19. Which is not a language processor?

- (a) Compiler (b) interpreter
(c) Processor (d) assembler
(e) None of these

20. What is correcting errors in a program called _____

- (a) Interpreting (b) Translating
(c) Debugging (d) Compiling
(e) None of these

GENERAL KNOWLEDGE OF J&K

20 MARKS

1. The city of Kanishkapura was built by_

- (a) Ashoka (b) Nagarjuna
(c) Kanishka (d) Vasugupta

2. Which of the following is the earliest source of Kashmir?

- (a) Spanda-karika (b) Vartika
(c) Rajatarangini (d) Sivadrishti

3. Who was the first ruler of Shah Mir dynasty?

- (a) Sultan Zain-ul-Abidin
(b) Shah Mir (c) Akbar
(d) None of these

4. Which river is known as Iravati ?

- (a) Tawi (b) Ravi
(c) Ujh (d) Sindh

5. Which among the following is not a tributary of River Jhelum ?

- (a) Vishaw (b) Roumushi
(c) Sind Nallah (d) Verinag

6. Neel nag is located in which District ?

- (a) Srinagar (b) Anantnag
(c) Badgam (d) Ganderbal

7. The main means of transport in Jammu and Kashmir is ?

- (a) Railways (b) Roadways
(c) Airways (d) Waterways

8. As per the NHAI the total length of National Highways in Jammu and Kashmir is

- (a) 2423 km (b) 3032 km
(c) 1518 km (d) 2525 km

9. Kashmir's first business Newspaper is

- (a) Kashmir Times
(b) Kashmir Economic Express
(c) Bazan Observer (d) None of these

10. Hazratbal masjid is located at ?

- (a) Srinagar (b) Jammu
(c) Baramulla (d) Doda

11. The height of Patnitop hill resort is about _____

- (a) 500 m (b) 1100 m
(c) 2024 m (d) 3000 m

12. The world's highest golf course is located in _____

(a) Gulmarg

(b) Pahalgam

(a) Mufti Mohammad Sayeed

(c) Sonamarg

(d) Leh

(b) Sheikh Mohammad Abdullah

13. Which musical instrument is used in Ladishah songs ?

(c) Omar Abdullah

(d) Farooq Abdullah

(a) Damian

(b) Damman

18. Who received Padma Shri Award in 2018?

(c) Dahara

(d) King

(a) Pran Kishore Kaul

14. What is 'Bhand Pather' of Jammu and Kashmir ?

(b) Hashmat Ullah Khan

(a) Folk song

(b) Folk dance

(c) Jaffar Ali (d) Shiv Kumar Sharma

(c) Folk theatre

(d) Festival

19. How many meetings are held by Halqa Panchayat in a month ?

15. Which dance is performed mainly during the time of Lohri festival ?

(a) Bacha Nagma

(b) Dandaras

(a) At least one (b) 2 meetings

(c) Cham

(d) Bhand Jashan

(c) 3 meetings (d) None of these

16. Who was the first Maharaja of the Princely state of Jammu and Kashmir ?

(a) Hari Singh

(b) Karna Singh

20. The term of office of the State Election Commissioner is___

(c) Gulab Singh

(d) Mehar Chand Mahajan

(a) 3 years

(b) 4 years

17. Who was popularly known as 'Sher-e-kashmir'?

(c) 5 years

(d) 6 years

GENERAL SCIENCE

20 MARKS

1. Hydropower plant are located in the ____

- (a) desert area (b) plane area
(c) hilly terrains (d) none of these

2. Solar cells are made of ____

- (a) Germanium (b) silicon
(c) Silver (d) aluminum

3. The rate of change of velocity is called:-

- (a) Distance (b) Acceleration
(c) Speed (d) Cannot say

4. Newton's first law of motion is also called:

- (a) Law of density (b) law of mass
(c) Law of inertia (d) Law of speed

5. The S.I unit of Energy is_

- (a) Henry (b) Coulomb
(c) Watt (d) Watt-hour

6. Coulomb is the S.I unit of :

- (a) charge (b) current
(c) potential difference (d) resistance

7. The sound above _____ is physically painful .

- (a) 20Db (b) 40Db

- (c) 60 dB (d) 80Db

8. The voice box is also called:-

- (a) Stomach (b) Heart
(c) Larynx (d) Mouth

9. The nucleons are:-

- (a) Protons and electrons
(b) Neutrons and electrons
(c) Protons and neutrons
(d) None of these

10. The isotope used to remove the brain tumours and treatment of cancer is:-

- (a) U-235 (b) Na-24
(c) Iodine (d) Co-60

11. Gas can exert_

- (a) Pressure on wall (b) force on the base
(c) Pressure in solids (d) force in liquids

12. Diffusion in liquids is an example of :-

- (a) Smell of perfume (b) Smell of food
(c) spreading of ink in water
(d) Fragrance of incense stick

13. Plasma transports _____ in dissolved from:

- (a) Food (b) Carbon dioxide
(c) Nitrogenous wastes (d) all of the above

14. ATP can be used in the cells for the :

- (a) Contraction of muscles
(b) Protein synthesis (c) Conduction of nervous impulses
(d) All of the above

15. Which of the following is called the secondary air pollutant?

- (a) PANs (b) Ozone
(c) Carbon monoxide (d) Nitrogen Dioxide

16. What is the dB level for heavy vehicles in India?

- (a) 70 (b) 75
(c) 77 (d) 80

17. Most poisonous pollutant in water is :-

- (a) Lead (b) Zinc
(c) Phosphate (d) Arsenic

18. The source of fresh water needed for humans is :-

- (a) Ground water (b) Rain water
(c) River water (d) Oceans

19. The multi- crore project about the Ganga Action plan came:-

- (a) 1905 (b) 1955
(c) 1985 (d) 1995

20. The electrical resistance of insulators is-

- (a) High (b) Low
(c) Zero (d) Infinitely high

GENERAL KNOWLEDGE AND CURRENT AFFAIRS

20 MARKS

1. Modern concept of sustainable development focuses more on:-

- (a) economic development
- (b) social development
- (c) environmental protection
- (d) all of the above

2. United Nations (UN) decade of education for sustainable development is from

- (a) 2002-11
- (b) 2003-12
- (c) 2004-13
- (d) 2005-14

3. The criterion for corporate sustainability-

- (a) eco- efficiency
- (b) socio-efficiency
- (c) both (a) and (b)
- (d) None

4. Night blindness is caused due to the deficiencies of _____

- (a) Vitamin A
- (b) Vitamin B
- (c) Vitamin C
- (d) Vitamin E

5. The deficiency of Vitamin E leads to _____

- (a) soft bones
- (b) bleeding in gums
- (c) weakness in muscles
- (d) Neurological disorders

6. What terms describes an organism that transmits a disease ?

- (a) A host
- (b) A fungus
- (c) A virus
- (d) None

7. Which of the following is Kharif Crop?

- (a) Groundnut
- (b) Maize
- (c) Paddy
- (d) All

8. The Tea plantation requires rainfall of ____

- (a) 50-15 cm
- (b) 200-400cm
- (c) 250-300 cm
- (d) 150-250 cm

9. The wind blowing in the northern plains in summers is known as :-

- (a) Kaal Baisakhi
- (b) Trade winds
- (c) Loo
- (d) None

10. What is Corona virus ?

- (a) It is a large family of viruses
- (b) It belongs to the family of Nidovirus
- (c) Both A and B are correct
- (d) Only A is correct

11. What is most widespread?

- (a) An outbreak
- (b) An epidemic
- (c) A pandemic
- (d) None

12. Mild symptoms of Novel corona virus are :-

- (a) Fever (b) Cough
(c) Shortness of breath (d) All

13. Name a clinical trial in which blood is transfused from recovered COVID-19 patients to a corona virus patient who is in critical condition ?

- (a) Plasma Therapy (b) Solidarity
(c) Remdesivir (d) Hydroxychloroquine

14. The Green Revolution is related to _

- (a) Coffee (b) Gold
(c) Bamboo (d) Tea

15. Which of the following state is a not top soya bean growing state in India?

- (a) Madhya Pradesh (b) Maharashtra
(c) Rajasthan (d) Chhattisgarh

16. Who was the first Indian Commander – in-Chief of India ?

- (a) Kodandera Madappa Cariappa
(b) Rajendra Prasad

(c) Warren Hastings

(d) Jawaharlal Nehru

17. Who was the First man to fly into space?

- (a) Richard Nixon (b) Yuri Gagarin (Russia)
(c) Nawang Gombu (d) Columbia

18. Who was the First Indian Women Ambassador at United Nation ?

- (a) Vijaya Lakshmi Pandit (b) Kiran Bedi
(c) Nirja Bhanot (d) Sania Mirza

19. As per United Nations, following is (are) the broader issue (s) of human development :-

- (a) Education (b) Public health
(c) Standard of living (d) All of above

20. Who was the First Muslim Prime Minister of Country?

- (a) Benazir Bhutto (b) Dr. Rajendra Prasad
(c) Khan Abdul Gaffar Khan
(d) Zakir Husain

NUMERICAL ABILITY

20 MARKS

1. Find :-

860 % of 50 + 50 % of 860 = ?

- (a) 430 (b) 516
(c) 860 (d) 960
(e) None of these

2. If 40% of number is equal to two-third of another number, what is the ratio of first number to the second number ?

- (a) 2:5 (b) 3:7
(c) 5:3 (d) 7:3
(e) None of these

3. What least number must be added to 1056, so that the sum completely divisible by 23?

- (a) 2 (b) 3
(c) 18 (d) 21
(e) None of these

4. The sum of first four primes is?

- (a) 10 (b) 11
(c) 16 (d) 17
(e) None of these

5. L.C.M of two numbers is 120 and their H.C.F is 10. Which of the following can be the sum of those two numbers ?

- (a) 140 (b) 80
(c) 60 (d) 70

6. Find the Least number, which when divided by 12, 15, 20 and 54 leaves a remainder of 8 in each case.

- (a) 548 (b) 540
(c) 532 (d) 524

7. What will be the average of even numbers between 11 to 63 ?

- (a) 37.5 (b) 47
(c) 42 (d) 37
(e) None of these

8. Find the average of the following set of scores

253, 124, 255, 534, 836, 375, 101, 443, 760

- (a) 427 (b) 413
(c) 141 (d) 490
(e) None of these

9. Anil and Nikhil started a business with investing Rs. 3300 and Rs. 5000

respectively. If they earned profit of 1660 then what will be Anil's share?

- (a) 640 (b) 650
(c) 655 (d) 660
(e) None of these

10. What is the value of 68% of two fifth of 550 ?

- (a) 149.6 (b) 150
(c) 154 (d) 158
(e) None of these

11. Find SP when CP= Rs. 56.25 and Gain = 20% ?

- (a) Rs. 72 (b) Rs. 67.5
(c) Rs. 50 (d) Rs. 75
(e) None of these

12. A single discount, equivalent to a successive discount of 40% and 30% is ?

- (a) 55% (b) 56%
(c) 57% (d) 58%
(e) None of these

13. A shopkeeper marks his goods 20% above CP but allows 30% discount for cash. His net loss is ?

- (a) 8 % (b) 20%

- (c) 10% (d) 16%
(e) None of these

14. A can do a job in 6 days and A and B can do it together in 2 days. How many days will be taken by B to do the job alone ?

- (a) 5 days (b) 3 days
(c) 4 days (d) 8 days
(e) None of these

15. Two pipes A and B can fill a tank in 20 and 30 minutes respectively . If both the pipes can used together, How long will it take to fill the tank ?

- (a) 12 min (b) 15 min
(c) 25 min (d) 50min
(e) None of these

16. A man riding his bicycle covers 150 metres in 25 seconds. What is his speed in km per hour ?

- (a) 20 (b) 21.6
(c) 23 (d) 25
(e) None of these

17. A Train moving with the speed of 180 km/hr. Its speed (in meters per second) is:

- (a) 5 (b) 40

(c) 30

(d) 50

(a) 1:1

(b) 1:2

(e) None of these

(c) 1:3

(d) 1:4

18. The length of a rectangular floor is twice of its breadth. If Rs. 256 is required to paint the floor at the rate of Rs. 2 per square meters, then what would be the length of floor ?

(e) None of these

20. If the difference between S.I and C.I is Rs.25 on 10000 for 2years then what is rate of interest ?

(a) 16 m

(b) 8 m

(a) 6

(b) 4

(c) 12 m

(d) 31 m

(c) 5

(d) 3

(e) None of these

(e) None of these

19. The ratio of area of a square to that of the square drawn on its diagonal is :

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