



RAMAKRISHNA MISSION SEVASHRAMA
SCHOOL OF NURSING
Swami Vivekananda Marg, Vrindavan PO, Mathura Dt., U.P. - 281121

DIPLOMA IN GENERAL NURSING & MIDWIFERY (3 yrs)

ENTRANCE EXAMINATION FOR 39th BATCH

Date: 28/08/2020

Time: 9.00am to 12.00 noon (3 hrs)

Max. Marks: 100

Name of the Candidate:.....

Name of the Father / Mother/ Guardian.....

City/Town/Village: State:

ADMIT CARD NO. _____

Instructions:

- The Entrance examination is divided into 4 sections viz. General Science (20 marks), General Knowledge (25 marks), General Mathematics & General Aptitude (20 marks) and General English (35 marks) for a total of 100 marks.
 - Answers are to be attempted in English medium only.
 - Answers are to be provided on this question paper itself.
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SECTION – I: GENERAL SCIENCE

(A) CHOOSE CORRECT ANSWER & ENCIRCLE THE RIGHT ALPHABET: (20x1=20 MARKS)

1. We are able to forecast the weather with the help of

- a. Moon b. Thermometer c. Satellite d. Sphygmomanometer

2. What type of image does the eye lens form on retina?

- a. Virtual and Erect b. Real and Inverted c. Virtual and Inverted d. None of these

3. What is the formula of common salt?

- a. NaHCO₃ b. Na₂CO₃ c. CaCO₃ d. NaCl

4. Which one of the following is the heaviest liquid?

- a. Milk b. Mercury c. Water d. None of these

5. Which of the following diseases are caused due to virus?

- a. COVID-19 b. AIDS c. Dengue d. All of these

6. The smell of the LPG gas is caused due to the following:

- a. Butane b. Propane c. Methane d. Ethanethiol

7. Which among the following is a common salt in the detergents?

- a. Sulphate b. Nitrate c. Sulphonate d. Carbonate

8. Who discovered Radium?

- a. Sir C.V.Raman b. Marie Sklodowska & Pierre Curie c. Andre Louise d. Oswald

9. Bleaching Powder is a compound of:

- a. Sodium b. Calcium Hypochlorite c. Magnesium d. Sulpher

10. A large vessel that carries blood away from the heart is:

- a. Vein b. Artery c. Aorta d. Nerve

11. Which of the following is NOT present in the animal cells?

- a. Cell walls b. Mitochondria c. Ribosomes d. Cytoplasm

12. Which cells protect the body against infections and foreign invaders?

- a. White blood cells b. Red blood cells c. Nerve cells d. Tissues

13. Which Vitamin helps in the blood clotting?

- a. Vit-C b. Vit-D c. Vit-E d. Vit-K

14. Bile is collected in:

- a. Gall Bladder b. Urinary Bladder c. Spleen d. Liver

15. The normal blood pressure of a human being is:

- a. 110/70 mmHg b. 130/90 mmHg c. 120/80 mmHg d. 90/60 mmHg

16. How many pairs of ribs are there in a human body?

- a. 10 pairs b. 12 pairs c. 14 pairs d. 16 pairs

17. Insulin is produced by:

- a. Pituitary Gland b. Thyroid Gland c. Adrenal Gland d. Islets of Langerhans

18. The following vertebrae are found in the neck:

- a. Thoracic b. Cervical c. Lumbar d. Sacral

19. What fraction of human blood is Plasma?

- a. 35% b. 45% c. 50% d. 55%

20. Chickenpox is caused by:

- a. Bacteria b. Algae c. Fungi d. None of these

SECTION – II: GENERAL KNOWLEDGE

(A) CHOOSE THE CORRECT ANSWER AND ENCIRCLE THE ALPHABET:

(20X1=20 MARKS)

1. In which year Quit India Movement was launched?

- a. 1931 b. 1939 c. 1942 d. 1947

2. Who is known as the Father of Indian missile technology?

- a. Dr. U.R. Rao b. Dr. A.P.J. Abdul Kalam c. Dr. Chidambaram d. Dr. Bhabha

3. Swachh Bharat Mission was launched in the year:

- a. 1952 b. 2014 c. 2017 d. 2000

4. Indian Space Research Organization is situated at:

- a. Mumbai b. Bangalore c. Chennai d. Kolkata

5. Universal recipient belongs to the blood group:

- a. AB Positive b. O Negative c. B Positive d. A Negative

6. America was discovered by:

- a. Columbus b. Abraham Lincoln c. John Ruskin d. John Stuart Mill

7. MS-Word is an example of:

- a. Operating System b. Processing Device c. Application Software d. Input device

8. Which is the national game of India?

- a. Kabaddi b. Basket Ball c. Hockey d. Cricket

9. The famous Rock Garden is located in:

- a. Jaipur b. Shimla c. Lucknow d. Chandigarh

10. Who was called the Lady with the Lamp?

- a. Lady Diana b. Florence Nightingale c. Indira Gandhi d. Benazir Bhutto

11. National Youth Day is observed in memory of:

- a. Rajiv Gandhi b. Abdul Kalam c. Subhashchandra Bose d. Swami Vivekananda

12. The capital of Bangladesh is:

- a. Chittagong b. Dhaka c. Assam d. Hyderabad

13. D.D.T. was invented by:

- a. Paul Muller b. John Dalton c. Rudolf d. None of these

14. Who evolved the Theory of Evolution?

- a. Einstein b. Charles Darwin c. Dr.Freud d. Leo Tolstoy

15. The Main source of National Income in India is:

- a. Fishing b. Agriculture c. Industries d. Banks

16. Union Budget is always presented first in

- a. Rajya Sabha b. Lok Sabha c. Supreme Court d. None of these

17. The longest day in a calendar year is:

- a. December, 22 b. June, 21 c. August, 21 d. September, 22

18. Which of the following is used in pencils?

- a. Silicon b. Phosphorus c. Graphite d. None of these

19. The First Indian to go to space:

- a. Kalpana Chawla b. Tenzing Norgay c. Rakesh Sharma d. Sanjay Thapar

20. The National Song of India was composed by:

- a. Rabindra Nath Tagore b. Bankim Chandra Chatterjee c. Iqbal d. Jaishankar Prasad

(B) GIVE THE FULL FORMS OF THE FOLLOWING ABBREVIATIONS:

(5X1=5 MARKS)

1. UPSC:
2. CNS
3. CBI:
4. NCERT:
5. WHO:

SECTION – III: GENERAL MATHEMATICS & GENERAL APTITUDE

(A) CHOOSE THE CORRECT ANSWER AND ENCIRCLE THE ALPHABET:

(20X1=20 MARKS)

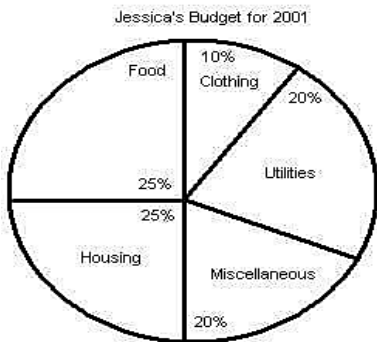
1. $6.334 \times 10^4 =$
a. 0.0006334 b. 0.06334 c. 6334 d. 63340
2. Find the missing number in the following sequence: 4, 9, 19, __, 79
a. 36 b. 37 c. 38 d. 39
3. What is the value of $7 + 7 \div 7 + 7 \times 7 - 7 =$
a. 10 b. 42 c. 50 d. 57
4. If -8 is subtracted from -8, the result is:
a. 16 b. -16 c. 0 d. 64
5. Rani is eleventh from either end of a row of a girls. How many girls are there in that row?
a. 21 b. 10 c. 22 d. 11
6. The square of 85 is:
a. 8425 b. 9425 c. 6425 d. 7225
7. The compound interest on Rs.800 for two years at 5% per annum is:
a. Rs.80 b. Rs.85 c. Rs.82 d. Rs.90
8. Which among the following is the greatest fraction?
a. $\frac{4}{9}$ b. $\frac{1}{3}$ c. $\frac{3}{8}$ d. $\frac{5}{6}$
9. Two angles of a triangle each measure 70° . What is the value of the third angle in degrees?
a. 40° b. 80° c. 100° d. 120°

10. Which value will fill the question mark in the following diagram?

6	EJI	3
M F K		D P G
9	NRG	?

- a. 1
- b. 21
- c. 12
- d. 18

11. How much money did Jessica’s budget allow for housing in April of 2001?



Jessica's Monthly Earnings from January 2001 to June 2001

January	\$2578
February	\$2432
March	\$2688
April	\$2490
May	\$2622
June	\$2555

- a. \$617.80
- b. \$620.92
- c. \$622.50
- d. \$626.38

12. Three of the following four are alike and so form a group. Which one does not belong to that group?

- a. Chin
- b. Nose
- c. Ear
- d. Eye

13. If Karnataka: Gold, then Madhya Pradesh: ?

- a. Copper
- b. Gems
- c. Diamond
- d. Iron

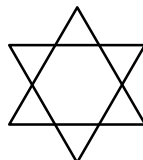
14. Choose the word which is least like the other words in a group?

- a. Parrot
- b. Vulture
- c. Tortoise
- d. Sparrow

15. If the time in an analog clock shows 12:23, then what is the time in the mirror?

- a. 12:37
- b. 1:23
- c. 12:33
- d. 11:37

16. How many triangles are there in the following diagram?



- a. 8
- b. 5
- c. 6
- d. 2

17. If ELCSUM = MUSCLE, then LATIPAC = ?

- a. Caprice
- b. Confess
- c. Conduce
- d. Capital

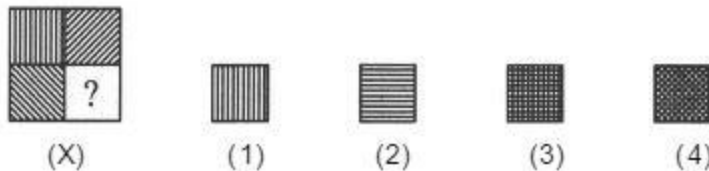
18. Pointing towards a person, a man said to a woman, "His mother is the only daughter of your father." How is the woman related to that person?

- a. Sister b. Daughter c. Mother d. Wife

19. Find the next number in this series: 7, 27, 50, 76, _____

- a. 104 b. 106 c. 105 d. 103

20. Identify the figure that completes the pattern.



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

SECTION – IV: ENGLISH

(A) GIVE SYNONYMS (WORDS WITH SIMILAR MEANING): **(5X1=5 MARKS)**

1. Opportunity = _____ (Chance , Honest , Worth)
2. Unfortunate = _____ (Poor, Unlucky ,Intelligent)
3. Infatuation = _____ (Expulsion, Interrogation, Obsession)
4. Wonderful = _____ (Lucky, Delightful , Correct)
5. Rest = _____ (Relax, Monotony, Active)

(B) GIVE ANTONYMS (WORDS WITH OPPOSITE MEANING): **(5X1=5 MARKS)**

1. Above X _____ (Below, Upper, Simple)
2. Cheap X _____ (Rough, Expensive, Plain)
3. Blunt X _____ (Fast, Soft, Sharp)
4. Huge X _____ (Tiny, Large, Fat)
5. Antique X _____ (Ugly, Modern, Good)

(C) GIVE ONE WORD SUBSTITUTION FOR THE FOLLOWING **(5X1=5 MARKS)**

1. Study of bodily diseases is (pathology, biology, mycology)
2. Who behaves without moral principles is..... (stupid, innocent, immoral)
3. Life history written by oneself is (biology, sociology, autobiography)
4. One who is present everywhere is (omnipresent, invisible, life)
5. One who is liked by everyone is (parasite, popular, wild)

FOR ROUGH USE ONLY

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