Question paper for assessment of suitable for appointment in Gr.C post on compassionate ground for Under Graduate Level.

Please read below mentioned instructions carefully and in case of any ambiguity and confusion, English version to be followed.

Total Marks: - 100   **Date : 10.07.2019**
Total Section: IV (Four)   **Time: 90 Minutes**

Section A : General Awareness : 20 Marks (Total 20 questions of 1 mark each)
Section B : General Intelligence and Reasoning : 25 Marks (Total 25 questions of 1 mark each)
Section C: Arithmetic: 25 Marks (Total 5 Questions)
Section D : Descriptive : 30 Marks

Section-A
General Awareness   [20x1]

1. What does the passage of an electric current through a conducting liquid lead to ?
   a) Physical reaction
   b) Short Circuit
   c) Chemical reaction
   d) Esoterism

2. Leaving one country to move to another is known as
   a) Emigration
   b) Immigration
   c) External Migration
   d) Exodus

3. Which of the following ancient caves is/are not found in the state of Maharashtra ?
   a) Bagh Caves
   b) Elephanta Caves
   c) Pataleswar Caves
   d) Ajanta Ellora Caves.

4. Which of the following river originates in Nepal and flows into Ganga ?
   a) Luni
   b) Tungabhadra
   c) Kosi
   d) Tapi

5. Which of the following types of deficit is financed by net capital flows from the rest of the world, thus by a capital account surplus?
   a) Capital account deficit
   b) Primary deficit
   c) Current account deficit
   d) Fiscal deficit

6. Economic and social planning is listed in the _____ list given in the seventh schedule in the constitution of India.
   a) Union List
   b) State List
   c) Concurrent List
   d) Residuary List

7. Which of the following is correct regarding the Rajya sabha?
   a) It currently has a maximum membership of 250 members.
   b) The President can nominate 6 persons to the Rajya Sabha.
   c) Like the Lok Sabha, it can be prorogued by the president.
   d) 238 members of the Rajya Sabha are elected by the state and UT legislatures.

8. The medieval ruler who ascended the throne at the age of 13 years was.
   a) Razia Sultan
   b) Prithviraj Chauhan
   c) Hemu
   d) Akbar

9. What is the geographical term for the landscope formed as the river enters the plain, it twists and turns forming large bends?
   a) Ox-Bow lakes
   b) River rejuvenation
   c) Peneplain
   d) Meanders

10. In male reproductive system, the testes are situated outside the abdominal cavity within a pouch called.
   a) Glans
   b) Testicular Lobules
   c) Scrotum
   d) Seminiferous tubules

11. When the force applied on the object is in the direction opposite to the direction of motion, the speed of the object
   a) Doubles
   b) Decreases
   c) Stops
   d) It has no effect.

12. Meters per second squred is the SI unit of which of the following ?
   a) Gravity
   b) Momentum
   c) Acceleration
   d) Impulse

13. Burning which of the following produces ash?
   a) Calcium
   b) Sodium
   c) Magnesium

d) Copper

14. The function in MS Excel that calculates the sum of the cells and then devides that value by the number of cell in the argument is

a) COUNT   b) MIN   c) AVERAGE   d) SUM

15. Indian Prime Minister was recently conferred 'Nishan Izzuddin' award by

a) Malaysia
b) Indonesia
c) Kazakhstan
d) Maldivas

16. "gandhi cycle rally for peace" was organised in which country to commemorate the 150th birth anniversary of Mahatma Gandhi?

a) Kuwait
b) South Africa
c) India
d) Saudi Arabia

17. What was the theme of the 2019 edition of World oceans Day (WOD) that was recently observed on 8th June, 2019?

a) Clean our Ocean
b) Healthy Ocean, Healthy Planet
c) Gender and Oceans
d) Our Oceans, Our Future.

18. Which former US President was recently announced as the winner of the George H.W. Bush award for States Manship?

a) Barak Obama
b) Bill Vlinton
c) Jimmy Carter
d) Ronald Reagan

19. Which Union ministry recently instituted the first Antarashtriya Yoga Diwas Media Samman (AYDMS) for 2019?

a) Ministry of Information and Broadcasting
b) Ministry of Human Resource Development
c) Ministry of skilled development and Entrepreneurship
d) Ministry of Environment, Forest and Climate Change.

20. Which Social networking site has launched its first interactive game show 'Confetti' in India ?

a) Instagram
b) Twitter
c) You Tube
d) Facebook

Section-B
Intelligence & Reasoning   [25x1]

1. Find the next number in the following series:
   57, 58, 62, 71, 87, ?
   (a) 112 (b) 120 (c) 114 (d) 115

2. Select the replacement for the question mark in the second-pair on the basis of logic used in the first pair:
   T : E :: X : ?
   a) T b) S c) I d) M

3. Find the next number in the following series :
   16, 21, 42, 47, 94, ?
   a) 97 b) 99 c) 98 d) 100

4. Four of the following five are alike in a certain way and hence they form a group. Which one of them is not related to the group?
   G, C, I, J, E
   a) E b) C c) J d) G

5. John said to a girl, " your father is the only child of only son of mother of my father". How that girl is related to John?
   a) Cousin b) Sister c) Niece d) Daughter

6. Select the replacement for the question mark in the second pair on the basis of logic used in the first pair.
   Milk : Drink :: Bike : ?
   a) Ride b) Helmet c) Gear d) Speed

7. Four of the following five are alike in a certain way and hence they form a group. Which one of them is not related to the group ?
   YOE, WMC, VLB, ZPG, UKA
   a) UKA b) ZPG c) WMC d) YOE

8. Find the next number in the following series
   17, 35, 72, 147, 298, ?
   a) 599 b) 601 c) 600 d) 610

9. M is daughter-in-law of N, whose daughter is O. 'O' is sister of P, who is only son of Q. How P is related to M?
   a) Father b) Uncle c) Brother d) Husband

10. Find the next number in the following series :
    29, 31, 34, 39, 46, ?
    a) 59 b) 60 c) 57 d) 58

11. In a certain code language SPEECH is written as HKVVXS. How will BUSTLE be written in that code language?
    a) YFEGOV b) YEFVOG c) YFHJOV d) YFHGOV

12. Solve:
    $361^2 \times 76 \div 19^6 \times 1021 = ?$
    a) 4074 b) 4064 c) 4084 d) 4054

13. If the radius of the circle is made 20 times its original radius how many times will its circumference be to that of original circumference?
    a) 21 b) 18 c) 19 d) 20

14. A train crosses a 238 meter long bridge in 58 seconds. If the same train crosses a sign board in 24 seconds, find the length of train (in meter)
    a) 158 b) 148 c) 168 d) 178

15. A man travels along the sides of an equilateral field at the rates of 9 kmph, 15 kmph and 45 kmph . Find the average speed of whole journey (in kmph)
    a) 18 b) 16 c) 15 d) 17

16. Find the product of two numbers whose LCM is 8777 and HCF is 1.
    a) 8777 b) 6777 c) 7777 d) 9777

17. A bulb manufacturing company found 13% of its products defective. If the total number of non-defective products is 5046, find the total number of defective products.
    a) 754 b) 744 c) 734 d) 764

18. In a 91 litre mixture the ratio of milk and water is 3 : 4. If this ratio is changed to 3 : 5, find the additional quantity of water added to the mixture (in litres)
    a) 14 b) 12 c) 11 d) 13

19. A station master decides that the length of rectangular digital board be increased by 3% and its breath be decreased by 7%. Find the effective change in area.
    a) 2.24% decrease
    b) 2.24% Increase
    c) 4.21% decrease
    d) 4.21 % increase

20. A sum of money trebles itself in 5 years at compound interest. In how many years will it be 27 times of itself ?
    a) 20 b) 30 c) 25 d) 15

21. Find the value of X? $\sqrt{529} \div 23 + \sqrt{576} = X$
    a) 23   b) 26   c)   25   d) 29

22. The difference between the compound interest and simple interest on a certain sum invested for 2 years in Rs.80. If the rate of interest be 4% p.a. finds the invested amount (In Rs.)
    a) 49,500
    b) 50,000
    c) 48,500
    d) 51,500

23. The area of a glass piece is 1521 cm² that is kept on a table. The gap between the edge of table and glass piece along length is 9 cm. Find the length of table (In cm)
    a) 57 b) 59 c) 53 d) 55

24. A student goes from his hostel to college cycling at 15 kmph and gets late by 5.5 minutes. If he cycles at 20 kmph, he reaches 5.5 minutes early. Find the distance between the hostel and college.
    a) 9 b) 8 c) 10 d) 11

25. Solve :
    17.53 + 15.23 + 17.63 -26.84 = 3 x___ ?
    a) 6.85
    b) 5.79
    c) 4.89
    d) 7·85

Section-C
Arithmetic [5x5]

1. Pinkey runs around a square field of side 75 meters. Bob runs around a rectangular field with length 160 meter and breath 105 meter. Who covers more distance and by how much?

2. A complete a work in 20 days. B completes the same work in 25 days. If A & B both work together, then in how many days they will complete the work?

3. A book sell buys book at a cost price of Rs.300.00 but he sells it at Rs.330.00. Then what percentage of profit the book seller keeps while selling the book.

4. Write a fraction in lowest terms
   a) 0.04 b) 2.34 c) 0.342

5. Write each of the following as a decimal.
   a) $200+30+5+(2\div10)+(9\div100)$
   b) $50+(1\div10)+(6\div100)$
   c) $16+(3\div10)+(5\div1000)$

Section-D
Descriptive [6x5]

Description all the Six of the followings

a) Less Cash India : Vision to Reality
b) Cyclone "FANI"
c) Deforestation
d) Green Energy
e) India Mansoon & Water harvesting.