TIME ALLOTTED – 2 HRS

INSTRUCTIONS FOR CANDIDATES
1.   **Total Number of Questions-100. Each Question is of four marks.**
2.   **One mark will be deducted for every wrong answer.**
3.   **No mark will be deducted for un-attempted questions.**

(Section-A)

Q1-4. Which word or words explains the meaning of the following idioms:-

Q1.   In a jiffy
        (a)   Outstanding   (b)   Suddenly   (c)   In a fix   (d)   Appropriate

Q2.   Upto the hilt
        (a)   Completely   (b)   Upto the mark
        (c)   Upto the final decision   (d)   None of these

Q3.   Man of Letters
        (a)   Who writes too many letters   (b)   An important person
        (c)   A politician   (d)   A literary person

Q4.   Sangfroid
        (a)   Composure   (b)   Go on leave
        (c)   Changed Suddenly   (d)   Make an attempt

Q5-10 Select the most appropriate word from the options against each number:-
        As home entertainment, television is rapidly becoming more (5) than any other form. A news broadcast becomes more immediate when people (6) actually see the scene (7) question and the movement of the figures. Films could be viewed in the (8) of the home and a variety of shows are also available. One of the advantages of travel programmes is the (9) of faraway places which many viewers would not (10) see.

Q5.   (a)   interesting   (b)   popular   (c)   powerful   (d)   purposeful

Q6.   (a)   could   (b)   would   (c)   might   (d)   shall

Q7.   (a)   of   (b)   with   (c)   as   (d)   in

Q8.   (a)   surroundings   (b)   assistance   (c)   comfort   (d)   privilege

Q9.   (a)   glimpses   (b)   image   (c)   portrait   (d)   picture

Q10.   (a)   possible   (b)   rather   (c)   else   (d)   otherwise

Q11-14. Choose the word which is nearest in meaning to the given word:-
Q11.   Sporadic
        (a)   Epidemic   (b)   Whirling   (c)   Occasional   (d)   Stagnant

Q12.   Genesis
        (a)   Style   (b)   Beginning   (c)   Movement   (d)   Relevant

Q13.   Intransigent
        (a)   Authoritative   (b)   Impersonal   (c)   Strenuous   (d)   Unbending

Q14.   Intimidate
        (a)   Mislead   (b)   Misplace   (c)   Frighten   (d)   Demoralise

Q15-18.   Choose the word which is nearly opposite in meaning to the given word:-
Q15.   Clemency
        (a)   Corporal   (b)   Intolerance   (c)   Compromise (d)   Sensibility

Q16.   Cajole
        (a)   Nestle   (b)   Secede   (c)   Bully   (d)   Moisten

Q17. Malevolent
(a) Kindly   (b) Vacuous   (c) Ambivalent   (d) Primitive

Q18. Purgatory
(a) Reward   (b) Celestial   (c) Flawless   (d) Proximity

Q19-21. Read the following passage carefully and answer the questions given below it:-

In spring, polar bear mothers emerge from dens with three months old cubs. The mother bear has fasted for as long as eight months but that does not stop the young from demanding full access to her remaining reserves. If there are triplets, the most persistent stands to gain an extra meal at the expense of others. The smallest of the cubs forfeits many meals to stronger siblings. Females are protective of their cubs but tend to ignore family rivalry over food. In 21 years of photographing polar bears, I have only once seen the smallest of triplets survive till autumn.

Q19. With reference to the passage, the following assumptions have been made:-
I.   Polar bears fast as long as eight months due to non availability of prey.
II.   Polar bears always give birth to triplets.
Which of the assumptions given above is/ are true?
(a) I only   (b) II only   (c) Both I and II   (d) Neither I nor II

Q20. Female polar bears give birth during
(a) Spring
(b) Summer
(c) Autumn
(d) Winter

Q21. Mother bear
(a) Takes sides over cubs
(b) Lets the cubs fend for themselves
(c) Feeds only their favourites
(d) Sees that all cubs get an equal share

Q22-25. Choose the word that best defines the given phrases:-

Q22. A Curtain Lecture
(a) To speak plainly   (b) Vulgar Ideas
(c) Private scolding of a husband by his wife   (d) Hate others

Q23. Square pegs in round holes
(a) A genuinely helpful person (c)   (b) A Clever person
    People in the wrong jobs   (d) To be perplexed

Q24. In weal and woe
(a) By hook or crook   (b) During illness
(c) in prosperity and adversity   (d) During the operation

Q25. Globetrotters
(a) People against global philosophy   (b) People indulging in treachery
(c) Intelligent minds   (d) Travellers around the world

(Section-B)

Q26. Dairy comes under which sector of economic activity?
(A) Tertiary sector   (B) Primary sector
(C) Secondary sector   (D) Quaternary sector

Q27. Who is appointed as the first Lt. Governor of Union Territory of Ladakh?
(A) Raj Manohar Joshi   (B) G C Murmu
(C) Satyapal Malik   (D) R K Mathur

Q28. What phenomenon is responsible for twinkling of stars?
(A) Diffraction   (B) Refraction
(C) Dispersion   (D) Scattering of Light

Q29. What will be the power consumption of two 300 W bulbs, three 100 W fans and one 1200 W Refrigerator for continuous operation of 30 hours?
(A) 54 kWh   (B) 60 kWh
(C) 63 kWh   (D) None of these

Q30. What type of image is formed by the eye lens on the retina?
(A) Real and erect   (B) Virtual and inverted
(C) Real and inverted   (D) Virtual and erect

Q31. The magnetic field is the strongest at
(A) middle of the magnet.   (B) north pole.
(C) south pole.   (D) both poles.

Q32. The heating element of an electric iron is made up of:
(A) copper   (B) nichrome   (C) aluminium   (D) iron

Q33. A zygote which has an X-chromosome inherited from the father will develop into
(A) girl
(B) boy
(C) either boy or girl
(D) X-chromosome does not influence the sex of a child.

Q34. The ability of a cell to divide into several cells during reproduction in Plasmodium is called
(A) budding   (B) multiple fission   (C) binary fission   (D) reduction division

Q35. Tomato is a natural source of which acid?
(A) Acetic acid   (B) Citric acid   (C) Tartaric acid   (D) Oxalic acid

Q36. Which of the following has more inertia – a rubber ball and a stone of same size?
(A) Rubber ball
(B) Stone
(C) Both have equal inertia
(D) Both have zero

Q37. A bus at rest starts moving with an acceleration of 0.1 m/s^2. What will be its speed after 2 minutes?
(A) 15 m/s   (B) 18 m/s   (C) 9 m/s   (D) 12 m/s

Q38. What will be the highest three digit number which when divided by 3, 7 and 21 leaves remainder 2?
(A)   978
(B)   982
(C)   983
(D)   989

Q39.   Two persons A & B travelling towards each other from P & Q respectively which is 396 kms apart meet after 11 hours. Speed of A is 6 kms/hr more than B. Find the speed of B.
(A)   15
(B)   18
(C)   21
(D)   24

Q40. Train travelling at a speed of 90 km/hr crosses a man standing on a platform in 8 seconds. Find the time taken by the train to cross the platform of length 250 mtrs.
(A)   15 sec
(B)   16 sec
(C)   18 sec
(D)   20 sec

Q41.   There are three numbers A, B and C. A is 50% of C and B is 75% of C, then A is what percentage of B?
(A)   66.66%
(B)   50%
(C)   75%
(D)   80%

Q42.   A = 36% B, B = 6% C. If C = 100 then A is equal to −
(A)   2.18
(B)   2.21
(C)   2.16
(D)   2.24

Q43. A shopkeeper purchased two qualities of rice A & B. He bought 10 kg of rice A at Rs.35/kg and 20 kg rice B at Rs. 47/kg. Find the overall cost price per kgs if he mixes both types of rice.
(A)   43
(B)   42
(C)   41
(D)   40

Q44. Sachin has a batting average of 99 in 80 innings. He was out for duck in his 80th innings. If he were to have a batting average of 100 how much should have been scored by him in his 80th match?
(A)   80
(B)   180
(C)   99
(D)   100

Q45.   A and B together can complete a particular task in 4 days. If A alone can complete the same task in 6 days, how many days will B take to complete the task if he works alone?
(A)   8
(B)   7
(C)   12
(D)   None of these

Q46.   If the perimeter of a rectangle is 138 metres and the difference between the length and the breadth is 7 metres, what is the area of the rectangle?
(A)   1216 square meters
(B)   1147 square metres
(C)   1184 square metres
(D)   1178 square metres

Q47. What will come in place of question mark (?) in the following question?
25% of 84 × 24% of 85 =?
    (A)   144.4   (B)   244.4
    (C)   428.4   (D)   333.4

Q48. If in a triangle ABC, AB = AC, $\angle A = x + 15°$, $\angle B = 2x + 25°$ then value of $\angle C$
    (A)   71°   (B)   51°
    (C)   61°   (C)   41°

Q49. A point P is located outside the circle with centre O. A tangent from point P touches the circle at A and a secant from P cuts the circle at B and C respectively. PA =12cm PC= 16cm. Find the length of chord BC.
    (A)   12   (B) 8
    (C)   9   (D) None of these

Q50. Soil contains decayed remains of living organisms. This is called_____.
    (A)   Minerals   (B)   Biosphere
    (C)   Saline Soil   (D)   Humus

(Section-C)

Q51. What type of image is formed by the eye lens on the retina?
    (a)   Real and erect   (b)   Virtual and inverted
    (c)   Real and inverted   (d)   Virtual and erect

Q52. The magnetic field is the strongest at
    (a)   middle of the magnet.   (b)   north pole.
    (c)   south pole.   (d)   both poles.

Q53. The heating element of an electric iron is made up of:
    (a)   copper   (b) nichrome
    (c)   aluminium   (d) iron

Q54. A zygote which has an X-chromosome inherited from the father will develop into
    (A)   girl   (B)   boy
    (C)   either boy or girl   (D) X-chromosome does not influence the sex of a child.

Q55. The ability of a cell to divide into several cells during reproduction in Plasmodium is called
    (A)   budding   (B) multiple fission
    (C)   binary fission   (D)   reduction division

Q56. A and B together can complete a particular task in 4 days. If A alone can complete the same task in 6 days, how many days will B take to complete the task if he works alone?
    (A)   8   (B) 7
    (C)   12   (D) None of these

Q57. If the perimeter of a rectangle is 138 metres and the difference between the length and the breadth is 7 metres, what is the area of the rectangle?
    (A)   1216 square meters   (B)   1147 square metres
    (C)   1184 square metres   (D)   1178 square metres

Q58. What will come in place of question mark (?) in the following question?
25% of 84 × 24% of 85 =?
    (A)   144.4   (B)   244.4
    (C)   428.4   (D)   333.4

Q59. If in a triangle ABC, AB = AC, $\angle A = x + 15°$, $\angle B = 2x + 25°$ then value of $\angle C$
    (A)   71°   (B)   51°
    (C)   61°   (C)   41°

Q60. If $\sin A + \sin^2 A = 1$ then what is the value of $\cos^2 A + \cos^4 A$?
    (A)   0   (B)   1
    (C)   -1   (D)   2

Q61.   A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days can A do the work if he is assisted by B and C on every third day?
    (a)   12 days   (b)   15 days   (c)   16 days   (d)   18 days

Q62.   A man can row $9\frac{1}{3}$ Kmph in still water and finds that it takes him thrice as much time to row up than as to row down the same distance in the river. The speed of the current is
    (a) $3\frac{1}{3}$ Kmph   (b) $3\frac{1}{9}$ Kmph   (c) $4\frac{2}{3}$ Kmph   (d) $4\frac{1}{3}$ Kmph

Q63.   The speed of a boat in still water is 10 Kmph. If it can travel 26 Km downstream and 14 Km upstream in the same time, the speed of the stream is
    (a)   2 Kmph   (b)   2.5 Kmph   (c)   3 Kmph   (d)   4 Kmph

Q64.   If a sum becomes double in 16 years, how many times will it be in 8 years?
    (a)   1 ½ times   (b) $1\frac{1}{3}$ times   (c) $1\frac{3}{4}$ times   (d) $1\frac{1}{4}$ times

Q65. In how many years will a sum of Rs 800 at 10% per annum compounded semi-annually become Rs 926.10?
    (a) $1\frac{1}{3}$ (b) $1\frac{1}{2}$ (c) $2\frac{1}{3}$ (d) $2\frac{1}{2}$

Q66. A sells 2 TV sets, one at a loss of 15% and another at a profit of 15%. Find the loss/gain percentage in the overall transaction?

(a)   2.25%   (b)   3%   (c)   4%   (d) No profit, no loss

Q67. A man travelled from a point A to B at the rate of 25 Kmph and walked back at the rate of 4 Kmph. If the whole journey took 5 hrs 48 minutes, the distance between A and B is

(a)   30 Km   (b)   24 Km   (c)   20 Km   (d)   51.6 Km

Q68. A Train travelling at a uniform speed clears a platform 200 m long in 10 seconds and passes a telegraph post in 5 seconds. The speed of the train is

(a)   36 km/h   (b)   39 km/h   (c)   72 km/h   (d)   78 km/h

Q69. The price of sugar increases by 20% due to the festive season. By what percentage should a family reduce the consumption of sugar so that there is no change in the expenditure?

(a)   20%   (b) $18^1/_3 \%$ (c) $16^2/_3 \%$ (d) $16^1/_3 \%$

Q70. A's salary is 20% lower than B's salary, which is 15% lower than C's salary. By how much percent is C's salary more than A's salary?

(a)   44.05%   (b)   45.05%   (c)   46.05%   (d)   47.05%

Q71. The average weight of 5 men is increased by 2 Kg when one of the men whose weight is 60 Kg is replaced by a new man. The weight of the new man is

(a)   50 Kg   (b)   65 Kg   (c)   68 Kg   (d)   70 Kg

Q72.   A and B can do a piece of work in 18 days; B and C can do it in 24 days, A and C can do it in 36 days. In how many days B alone can finish the work?

(a)   48 days   (b)   45 days   (c) $28^4/_5$ days   (d)   144 days

Q73. A sells his goods 20% cheaper than B and 20% dearer than C. How much percentage is C"sgoods cheaper / dearer than B.
(a)   33.33%   (b)   50%   (c)   45.85%   (d)   None of these

Q74. The average of 6 observations is 12. If the 7th observation is included, the average is reduced by 1. What will be the 7th observation?
(a) 4   (b)   5   (c)   6   (d)   7

Q75. If the incomes of Ram & Shyam are in the ratio of 3:4 and their expenditures in the ratio of 4:5,find the ratio of their savings, given that Shyam saves a third of his income.
(a)   10:15   (b)   13:20   (c)   15:20   (d)   13:15

(Section-D)

Q76.   The opposition party status is accorded to a political party in the Lok Sabha only if it captures at least
(a)   5% Seats   (b)   10% Seats   (c)   15% Seats   (d)   20% Seats

Q77. Who amongst the following is the author of the book 'A Bend in the River'?
(a)   Chetan Bhagat   (b)   VS Naipaul
(c)   Kiran Desai   (d)   Anita Desai

Q78. 'Long Walk to Freedom' is a book written by
(a)   Sonia Gandhi   (b)   LK Advani
(c)   Nelson Mandela   (d)   Benazir Bhutto

Q79. Which sports personality has been awarded the honorary rank of Group Captain by the IAF?
(a)   Kapil Dev   (b)   Sania Mirza
(c)   Saina Nehwal   (d)   Sachin Tendulkar

Q80. Which country among the following has been declared Ebola-free by WHO?
(a)   Sierra Leone (b)   Liberia   (c)   Nigeria   (d)   Guinea

Q81. How many Gold medals did India win in the Incheon Asian Games held in Oct 2014?
(a)   10   (b)   11   (c)   12   (d)   8

Q82. Who has been appointed as the new Finance Secretary of India?
(a)   Arvind Mayaram   (b)   Rajiv Mehrishi
(c)   Kaushik Basu   (d)   Dinesh Gupta

Q83. Which among the following is India's first long range subsonic cruise missile?
(a)   Agni II   (b)   Prithvi   (c)   Dhanush   (d)   Nirbhay

Q84. The branch of science that studies cells is called
(a)   Cytology   (b)   Entomology (c)   Homoplastic (d)   Hormonology

Q85. How many Vice Presidents are elected at the start of its each regular session of UN General Assembly?
(a)   Nine   (b)   Fifteen   (c)   Two   (d)   Twenty one

Q86. The highest civilian award of India 'Bharat Ratna' has been awarded to only two foreigners so far. One of them is Nelson Mandela. The other is
(a)   Marshal Tito   (b)   Mikhail Gorbachev
(c)   Khan Abdul Ghaffar Khan   (d)   Abdul Wali Khan

Q87. Sir CV Raman was awarded Nobel Prize for his work connected with which of the following phenomenon of radiation?
(a)   Scattering   (b)   Diffraction   (c)   Interference (d)   Polarisation

Q88. In which city is headquarters of Asian Development Bank located?
(a)   Manila   (b)   Singapore   (c)   Bangkok   (d)   Jakarta

Q89. K-15 missile is
    (a)   Submarine launched Ballistic Missile (SLBM)
    (b)   Inter Continental Ballistic Missile (ICBM)
    (c)   Medium Range Ballistic Missile (MRBM)
    (d)   Short Range Ballistic Missile (SRBM)

Q90. India agreed to UN Chief Ban Ki-Moon's offer to remain as a member of the advisory board of one of the following recently.
    (a)   UNCCT   (b)   UNICEF   (c)   UNEP   (d)   UNCTAD

Q91. Kaziranga National Park is famous for
    (a)   One-horned Rhinos   (b)   Tigers
    (c)   Swamp Dears (Barasingha)   (d)   Elephants

Q92. Who was the first Indian to win an individual medal in Olympics?
    (a)   Milkha Singh   (b)   PT Usha
    (c)   Karnam Malleshwari   (d)   KD Jadhav

Q93. Who among the following was the Congress President at Madras Session of 1927 when it boycotted the Simon Commission?
    (a)   Maulana Abul Kalam Azad   (b)   MA Ansari
    (c)   Lala Lajpat Rai   (d)   Subhash Chandra Bose

Q94. Why did Kalinga prove to be a turning point in the life of Ashoka?
    (a)   Ashoka annexed Kalinga
    (b)   It was the starting point of the expansion of his empire
    (c)   Ashoka became a zealous Buddhist
    (d)   It enabled Mauryan Empire to reach its climax

Q95. Which of the following wings was not part of the espionage system described by Kautilya?
    (a)   Crime Branch   (b)   Special Branch
    (c)   Political Branch   (d)   None of these

Q96. Alauddin Khalji did not build
    (a)   Siri Fort   (b)   Tomb of Jalaluddin
    (c)   Hauz-i-Alai   (d)   Jamaat Khana Masjid

Q97. Which of the following dynasties was ruling over North India at the time of Alexander's invasion?
    (a)   Nanda   (b)   Maurya   (c)   Sunga   (d)   Kanva

Q98. Which of the following Intercontinental Ballistic Missiles (ICBMs) is under development in India?
    (a)   Agni-I   (b)   Agni-II   (c)   Agni-IV   (d)   Agni-VI

Q99. Who among the following was adjudged as the Most Valuable Player of the 17th Asian Games held at Incheon, South Korea?
    (a)   Mary Kom of India   (b)   Kosuke Hagino of Japan
    (c)   Ning Zetao of China   (d)   None of these

Q100. The national emblem, viz four lions standing back to back is an adaptation from which of the following:-
    (a)   Sarnath lions   (b)   Gir lions
    (c)   Khajurao   (d)   Ajanta caves

      (b)   (c)   (d)

       (2)   (3)   (4)   (a)   (b)   (c)   (d)