

68

SUITABILITY TEST FOR GRADUATE CATEGORY UNDER
COMPASSIONATE GROUNDS APPOINTMENT
WRITTEN EXAMINATION

DATE: 10.02.23

VENUE: Divisional Office/TPJ

Time: 14.00hrs to 16.00hrs

Total Marks: 100

1. Candidates should write their Name, Roll Number etc. only in the space provided in the fly leaf and **NOT** in any other sheet.
2. The Question paper contains 100 questions
Part I - 35 questions - General Knowledge
Part II - 25 questions - General English
Part III - 40 questions - Arithmetic
3. All questions are compulsory.
4. Each question carries 1 mark.
5. There shall be no negative marks for wrong answers.
6. No corrections / over writings are permitted. If found, the same will not be evaluated.

PART I - GENERAL KNOWLEDGE

- Q.1. Which is the largest electricity producing state in India?
(A) Uttar Pradesh (B) Tamil Nadu (C) Kerala (D) Maharashtra
- Q.2. Which of the following is the largest and deepest ocean of the world?
(A) Arctic (B) Atlantic (C) Pacific (D) Indian
- Q.3. Which of the following is not the member of the European Union?
(A) Greece (B) Norway (C) Finland (D) United Kingdom
- Q.4. Which is the country most affected in recent earth quake in Asia?
(A) Uganda (B) China (C) Turkey (D) France
- Q.5. The line that demarcates the boundary between India and Pakistan is...
(A) Macmahon Line (B) Durand Line (C) None of these (D) Radcliffe Line
- Q.6. South Central Railway is headquartered at....
(A) Mumbai (B) Kolkata (C) Secundarabad (D) Chennai
- Q.7. Constitution of India came into effect from?
(A) 15 August 1947 (B) 15 January 1948
(C) 10 August 1950 (D) 26 January 1950
- Q.8. Reserve Bank of India was nationalized in the year...
(A) 1949 (B) 1950 (C) 1965 (D) 1969
- Q.9. Who declares the Credit Policy of India?
(A) RBI (B) SBI (C) NSDL (D) UTI
- Q.10. When is the Common Wealth Day celebrated?
(A) 02nd February (B) 02nd January (C) 3rd October (D) 3rd March

- Q.11. When is the World Population Day celebrated ?
(A) 15th September (B) 11th July (C) 17th May (D) 24th April
- Q.12. Which one of the following river flows between Vindhyan and Satpura ranges?
(A) Narmada (B) Mahanadi (C) Son (D) Netravati
- Q.13. Patanjali is well known for the compilation of –
(A) Yoga Sutra (B) Panchatantra (C) Brahma Sutra (D) Ayurveda
- Q.14. The world record for fastest double century in test cricket is held by...
(A) Sanath Jaisurya (B) Nathan Astle (C) Adam Gilchrist (D) Saeed Anwar
- Q.15. The country that has the highest in Barley Production?
(A) China (B) India (C) Russia (D) France
- Q.16. Tsunamis are not caused by....
(A) Hurricanes (B) Earthquakes (C) Undersea Landslides (D) Volcanic eruptions
- Q.17. Chambal river is a part of....
(A) Sabarmati basin (B) Ganga basin (C) Narmada basin (D) Godavari basin
- Q.18. Which is the most saltiest sea in the world?
(A) Red sea (B) Black sea (C) Caribbean sea (D) Caspian sea
- Q.19. Where was the electricity supply first introduced in India...
(A) Mumbai (B) Dehradun (C) Darjeeling (D) Chennai
- Q.20. Which one of the following ports is the oldest port in India?
(A) Mumbai Port (B) Chennai Port (C) Kolkata Port (D) Vishakhapatnam Port
- Q.21. Galileo was an Italian astronomer who....
(A) Developed the telescope (B) Discovered four satellites of Jupiter
(C) Discovered that the movement of pendulum produces a regular time measurement
(D) All of the above
- Q.22. How many North eastern states are there in India ?
(A) 7 (B) 10 (C) 8 (D) 12
- Q.23. Which is the religion for which the Fire temple is the place of worship?
(A) Hinduism (B) Jainism (C) Zoroastrianism (D) Buddhism
- Q.24. The United Nations Organization has its Headquarters at...
(A) Bali (B) Hague (C) New York, USA (D) Washington DC
- Q.25. Dr. V. Kurien is famous in the field of _____.
(A) Atomic power (B) Dairy development (C) Economic reforms (D) Poultry farms
- Q.26. The 'Lady with the Lamp' was the name given to?
(A) Vijayalakshmi Pandit (B) Queen Elizabeth (C) Florence Nightingale (D) Princess Diana
- Q.27. Which is the country which has the Great Barrier Reef?
(A) London (B) Australia (C) Ireland (D) New Zealand

- Q.28. G20 Summit 2017 held at....
 (A) Berlin (B) Paris (C) London (D) Hamburg
- Q.29. White rust is an important fungal disease of....
 (A) Wheat (B) Mustard (C) Rice (D) Bajra
- Q.30. Which organ of the human body does the Alzheimer's disease affect?
 (A) Ear (B) Eye (C) Brain (D) Stomach
- Q.31. Which of the following fight infection in the body?
 (A) RBC (B) WBC (C) Blood Plasma (D) Hemoglobin
- Q.32. Antlophobia is fear of which of the following?
 (A) Boss (B) Fire (C) Floods (D) Dogs
- Q.33. Deficiency of which of the following vitamins causes the disease of slow blood clotting?
 (A) Vitamin C (B) Vitamin D (C) Vitamin E (D) Vitamin K
- Q.34. Telephone was invented by...
 (A) J.L. Baird (B) Alexander Graham Bell
 (C) K. Macmillan (D) None of the above
- Q.35. _____ is known as 'The Light of Asia'
 (A) Rumi (B) Buddha (C) Gandhi (D) Swami Vivekananda

PART II - GENERAL ENGLISH

Note: Find out the proper matching Idioms and Phrases (Q.36 – Q.40)

- Q.36. While I have a bath, you may **chew the cud.**
 (A) Kill time (B) Go through legalities (C) Reflect upon one's past (D) Have breakfast
- Q.37. He never wanted to **keep her under his thumb** and so he let her do what she liked.
 (A) in his presence all the time (B) unduly under control
 (C) below his thumb (D) restricted
- Q.38. One should not stay idle at home; but **be up and doing.**
 (A) reading (B) working (C) sleeping (D) active
- Q.39. The cashier **wiped the nose of** his employer by presenting false bills.
 (A) doomed (B) abused (C) cheated (D) slapped
- Q.40. The CBI officials followed up the clue, but it proved to be a **mare's nest.**
 (A) baseless (B) an unfound rumour (C) time consuming (D) useless

Note: Find out the Antonyms of the following (Q.41 – Q.45)

Q.41. Glossy

- (A) Dedicated (B) Obscene (C) Dull (D) Sleek

Q.42. Exonerate

- (A) Admit (B) Accuse (C) Contract (D) Reject

Q.43. Hypothesis

- (A) Fact (B) Theory (C) Conclusive (D) Suppressed

Q.44. Virtuous

- (A) Insincere (B) Miserly (C) Vicious (D) Vulgar

Q.45. Gnome

- (A) Giant (B) Small (C) Casual (D) Gloom

Note: Find out the Synonyms of the following (Q.46 – Q.50)

Q.46. Qualm

- (A) Attribute (B) Altercation (C) Scruple (D) Crisis

Q.47. Abortive

- (A) Fruitful (B) Familiar (C) Financing (D) Unsuccessful

Q.48. Benign

- (A) Gentle (B) Peaceful (C) Favourable (D) Wavering

Q.49. Bountiful

- (A) Spiritual (B) Shameful (C) Generous (D) Pretty

Q.50. Rejoice

- (A) Lighten (B) Delight (C) Rebuild (D) Rejoin

Note: Find out the Sentence improvement of the following (Q.51 – Q.55)

Q.51. I was shocked to learn that no one was knowing where the files were kept.

- (A) had been knowing (B) had been known (C) knew (D) was known

Q.52. India's outlook on the word is composing of these various elements.

- (A) has been composing at (B) is composed with
(C) is composed by (D) is composed of

Q.53. The player was asked that why he had not attended the prayer.

- (A) That why he has not (B) That why had he not
(C) why he had not (D) No improvement

Q.54. You can always dependent on them.

- (A) be dependent with them (B) depend them
(C) depend on them (D) No improvement

Q.55. The police break-up the trunk and found the looted jewellery.

- (A) broke opened (B) breakingly opened
(C) break opened (D) broke open

Note: Find the Mis-Spell Word of the following (Q.56 - Q.60)

- Q.56. (A) Admirer (B) Governor (C) Bearer (D) Conquerer
Q.57. (A) Grammer (B) Hammer (C) Familiar (D) Simmer
Q.58. (A) Proprietor (B) Jailor (C) Inspector (D) Admiror
Q.59. (A) Sureptitious (B) Surveillance (C) Survey (D) Surround
Q.60. (A) Accentuate (B) Abscess (C) Aberration (D) Abnormalty

Part - III ARITHMATIC

Q.61: How many 3 digit numbers are completely divisible by 6 ?

- (A) 149 (B) 150 (C) 151 (D) 166

Q.62: If 60% of $\frac{3}{5}$ of a number is 36 then the number is

- (A) 80 (B) 100 (C) 75 (D) 90

Q.63: Find the lowest common multiple of 24, 36 and 40.

- (A) 120 (B) 240 (C) 360 (D) 480

Q.64: The average of first 50 natural numbers is :

- (A) 12.25 (B) 21.25 (C) 25 (D) 25.5

Q.65: The ratio between the present ages of A and B is 5 : 3 respectively. The ratio between A's age 4 years ago and B's age 4 years hence is 1 : 1. What is the ratio between A's age 4 years hence and B's age 4 years ago ?

- (A) 1 : 3 (B) 2 : 1 (C) 3 : 1 (D) 4 : 1

Q.66: Q is as much younger than R as he is older than T. If the sum of the ages of R and T is 50 years, what is definitely the difference between R and Q's age ?

- (A) 1 year (B) 2 years (C) 25 years (D) None of these

Q.67: What is 15 percent of Rs. 34 ?

- (A) Rs 3.40 (B) Rs. 3.75 (C) Rs. 4.50 (D) Rs. 5.10

Q.68: The ratio of the cost price and the selling price is 4 : 5. The profit percent is :

- (A) 10% (B) 20% (C) 25% (D) 30%

- Q.69: Two whole numbers whose sum is 72 cannot be in the ratio:
 (A) 5 : 7 (B) 3 : 4 (C) 3 : 5 (D) 4 : 5
- Q.70: A man can do a piece of work in 5 days, but with help of his son, he can do it in 3 days. In what time can the son do it alone ?
 (A) 6.5 days (B) 7 days (C) 8 days (D) 7.5 days
- Q.71: A car is running at a speed of 108kmph. What distance will it cover in 15 seconds ?
 (A) 45 metres (B) 55 metres (C) 450 metres (D) None of these
- Q.72: A train 110 metres long is running with a speed of 60 kmph. In what time will it pass a man who is running at 6 kmph in the direction opposite to that in which the train is going ?
 (A) 5 sec (B) 6 sec (C) 7 sec (D) 10 sec
- Q.73: Find the highest common factor of 36 and 84.
 (A) 4 (B) 6 (C) 12 (D) 18
- Q.74: What least number must be added to 1056, so that the sum is completely divisible by 23?
 (A) 2 (B) 3 (C) 18 (D) 21
- Q.75: The HCF of two numbers is 8. Which one of the following can never be the their LCM...
 (A) 24 (B) 48 (C) 56 (D) 60
- Q.76: $11\frac{1}{4} = 77/?$
 (A) 28 (B) $77/28$ (C) 44 (D) 308
- Q.77: The average of five numbers is 27. If one number is excluded the average becomes 25. The excluded number is
 (A) 25 (B) 27 (C) 30 (D) 35
- Q.78: $45\% \text{ of } 750 - 25\% \text{ of } 480 = ?$
 (A) 216 (B) 217.50 (C) 236.50 (D) 245
- Q.79: If loss is $\frac{1}{3}$ of Selling Price, the loss percentage is ?
 (A) $16\frac{2}{3}\%$ (B) 20% (C) 25% (D) $33\frac{1}{3}\%$
- Q.80: What is the square root of 50?
 (A) 5 (B) 8 (C) $5\sqrt{2}$ (D) 4
- Q.81: The simple interest on Rs.10 for 4 months at the rate of 3 paise per rupee per month is
 (A) Rs 1.20 (B) Rs. 1.60 (C) Rs. 2.40 (D) Rs. 3.60
- Q.82: At what rate of compound interest per annum will a sum of Rs. 1200 becomes Rs. 1348.32 in 2 years?
 (A) 6% (B) 6.5% (C) 7% (D) 7.5%
- Q.83: Total surface area of a cube whose side is 0.5 cm is
 (A) $\frac{1}{4} \text{ cm}^2$ (B) $\frac{1}{8} \text{ cm}^2$ (C) $\frac{3}{4} \text{ cm}^2$ (D) $\frac{3}{2} \text{ cm}^2$

- Q.84: How many times are the hands of a clock at right angle in a day?
 (A) 22 (B) 24 (C) 44 (D) 48
- Q.85: The L.C.M of 3, 2.7 and 0.09 is?
 (A) 2.7 (B) 0.27 (C) 0.027 (D) 27
- Q.86: The average of 7 consecutive numbers is 20. The largest numbers of these is?
 (A) 20 (B) 22 (C) 23 (D) 24
- Q.87: What is the sum two consecutive even numbers, the difference of whose squares is 84?
 (A) 34 (B) 38 (C) 42 (D) 46
- Q.88: The sum ages of 5 children's born at the intervals of 3 years each is 50 years. What is the age of youngest child?
 (A) 4 years (B) 8 years (C) 10 years (D) None of these
- Q.89: 0.01 is what percent of 0.1?
 (A) 1/100 (B) 1/10 (C) 10 (D) 100
- Q.90: The L.C.M of 3, 2.7 and 0.09 is?
 (A) 2.7 (B) 0.27 (C) 0.027 (D) 27
- Q.91: The HCF of 204, 1190 and 1445 is
 (A) 24 (B) 48 (C) 56 (D) 17
- Q.92: A motor boat whose speed is 15 km/hr in still water goes 30 km downstream and comes back in a total of 4 hours 30 minutes. The speed of the stream (in km/hr) is
 (A) 4 (B) 5 (C) 6 (D) 0
- Q.93: When a commodity is sold for Rs.34.80, there is a loss of 2%. What is the cost price of the commodity ?
 (A) Rs. 26.10 (B) Rs.43 (C) Rs.43.20 (D) Rs.46.40
- Q.94: At what time between 9 and 10 o'clock will the hands of a watch be together?
 (A) 45 min. past 9 (B) 50 min. past 9
 (C) $49 \frac{1}{11}$ min. past 9 (D) $48 \frac{2}{11}$ min. past 9
- Q.95: How long will it take as sum of money invested at 5% p.a. S.I to increase its value by 40% ?
 (A) 5 years (B) 6 years (C) 7 years (D) 8 years
- Q.96: The largest number, which divides 25, 73 and 97 to leave the same remainder in each case, is
 (A) 21 (B) 6 (C) 24 (D) 23
- Q.97: The graphs of $x = a$ and $y = b$ intersect at
 (A) $(-a, b)$ (B) (b, a) (C) (a, b) (D) $(a, -b)$
- Q.98: How many cubes of 3cm edge can be cut out of a cube of 18cm edge?
 (A) 36 (B) 216 (C) 218 (D) 432

Q.99: 0.001 is what percent of 0.1?

(A) 1/100

(B) 1/10

(C) 10

(D) 100

Q.100: The average of a non zero number and its square is 5 times the number.
The number is

(A) 9

(B) 17

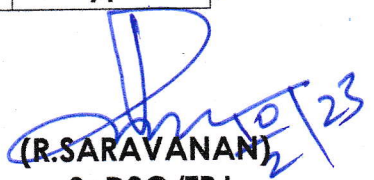
(C) 29

(D) 295



THE KEY
FOR THE QUESTION SET FOR THE WRITTEN EXAMINATION FOR SUITABILITY TEST FOR GRADUATE
CATEGORY UNDER COMPASSIONATE GROUNDS APPOINTMENT HELD ON 10.02.23

S.NO	ANSWER	S.NO	ANSWER	S.NO	ANSWER
GENERAL KNOWLEDGE		GENERAL ENGLISH		ARITHMATIC	
1.	D	36.	C	61.	B
2.	C	37.	B	62.	B
3.	B	38.	D	63.	C
4.	C	39.	C	64.	D
5.	D	40.	B	65.	C
6.	C	41.	C	66.	D
7.	D	42.	B	67.	D
8.	B	43.	A	68.	C
9.	A	44.	B	69.	B
10.	A	45.	A	70.	D
11.	B	46.	C	71.	C
12.	A	47.	D	72.	B
13.	A	48.	A	73.	C
14.	B	49.	C	74.	A
15.	C	50.	B	75.	D
16.	A	51.	C	76.	A
17.	C	52.	D	77.	D
18.	A	53.	C	78.	B
19.	C	54.	C	79.	C
20.	B	55.	D	80.	C
21.	D	56.	D	81.	A
22.	C	57.	A	82.	A
23.	C	58.	D	83.	D
24.	C	59.	A	84.	C
25.	B	60.	D	85.	D
26.	C			86.	C
27.	B			87.	C
28.	D			88.	A
29.	B			89.	C
30.	C			90.	D
31.	B			91.	D
32.	C			92.	B
33.	D			93.	D
34.	B			94.	C
35.	B			95.	D
				96.	C
				97.	C
				98.	B
				99.	D
				100.	A


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