

General Knowledge

1. With how many Satyagrahis did Gandhiji started Dandi Yatra?
(A) 75 (B) 78
(C) 80 (D) 82
2. What is the meaning of "Johar"?
(A) A group of women (B) A woman died of fire
(C) Mass cremation by women (D) None of these
3. Who is the Guru of Shivaji Maharaj?
(A) Ramdas (B) Dada Kondadev
(C) Sambhaji (D) Sant Gyaneshwar
4. Which of the following Union Territories sends its representatives into Rajya Sabha?
(A) Pondicherry (B) Delhi
(C) Chandigarh (D) Lakshadweep
5. "Mukhyamantri Tirtha Yatra Yojna" is a scheme implemented by which Indian state/UT?
(A) Uttarakhand (B) Delhi
(C) Karnataka (D) Gujarat
6. Which of the following is not mentioned in constitution prologue?
(A) Republic (B) Socialist
(C) Secularism (D) Rule of law
7. The international border between India and China is known as _____
(A) Durant line (B) McMahan Line
(C) Hindenburg line (D) Radcliffe line
8. Which is the longest river in South India?
(A) Kaveri (B) Godavari
(C) Narmada (D) Krishna
9. What is the origin of the Narmada river ?
(A) Satpuda Range
(B) Mahadev mountain range of Madhya Pradesh
(C) Vindhya Mountain in Amarkantak hill
(D) Sahyadri mountain range
10. Which animal is embedded in RBI logo?
(A) Lion (B) Elephant
(C) Tiger (D) Horse

11. Where is BSE (Bombay Stock Exchange) located in Gujarat?
- (A) Surat (B) Rajkot
(C) Ahmedabad (D) None of these
12. What was the population of India in 2020?
- (A) 139 Cr (B) 138 Cr
(C) 137 Cr (D) 140 Cr
13. Who is the Education minister of Gujarat?
- (A) Shri Jitubhai Vaghani (B) Shri Bhupendrasinh Chudasama
(C) Shri Vashuben Trivedi (D) None of these
14. Who is the collector of Bharuch?
- (A) M. D. Modiya (B) I J Gamit
(C) Tushar Sumera (D) M J Jodeja
15. Which is the new health research application launched by Google in digital form?
- (A) Google Health studies (B) Google Research
(C) Google Discover (D) Google Medico
16. Avian influence has been found in crows in which state?
- (A) Utter Pradesh (B) Rajasthan
(C) Punjab (D) Gujarat
17. Who won the first T 20 world cup?
- (A) Pakistan (B) India
(C) Sri Lanka (D) West Indies
18. Olympic games were held in ancient Greece in the honour of Greek God _____ ?
- (A) Zeus (B) Uranus
(C) Apollo (D) Jupiter
19. Devdhar Trophy is related to which among the following sports?
- (A) Cricket (B) Hockey
(C) Football (D) Rugby
20. In how many categories the Nobel Prize are given?
- (A) 4 (B) 5
(C) 6 (D) 7
21. Rajiv Gandhi Khel Ratna Award now officially known as...
- (A) Bharat Khel Ratna Award
(B) Major Sachin Khel Ratna Award
(C) Major Dhyan Chand Award
(D) Viswanathan Anand Award

22. To whom Gujarat Government will give Tana-Riri award for the year 2021-22?

- (A) Lata and Usha Mangeshkar
- (B) Anu Malik and Usha Uthup
- (C) Kavita Krishnamurthy and Dr. Viraj Amar Bhatt
- (D) Sachin and Jigar

23. In our school who is honored to hoist the national flag on 15th August?

- (A) S.S.C. Topper
- (B) H.S.C. Topper
- (C) Principal
- (D) National Hero

24. School felicitate the student who takes care of tree planted under the project "Vande Vasundhara" with the certificate namely _____.

- (A) Shala Mitra
- (B) Vruksh Mitra
- (C) Best Plantation
- (D) Man of plant

25. Which is the foundation day of our school?

- (A) 14 February 1996
- (B) 14th February 1997
- (C) 14th February 1998
- (D) 14th February 1999

26. Which is the first newspaper of India to be available on the Internet?

- (A) Dainik Jagran
- (B) The Hindu
- (C) Sandesh
- (D) Hindustan Times

27. When did the internet start in INDIA?

- (A) 1965
- (B) 1995
- (C) 1998
- (D) 1985

28. How many function keys are in keyboard?

- (A) 9
- (B) 10
- (C) 11
- (D) 12

29. McAfee is an example of

- (A) Virus
- (B) Photo Editing Software
- (C) System Software
- (D) Antivirus

30. Which one of the following four word is odd?

- (A) Application
- (B) Peripherals
- (C) Programme
- (D) Software

Languages

31. “ઘનશ્યામ ” કયા સ્વામીનું મૂળ નામ હતું ?
 (A) પ્રેમાનંદ (B) નિષ્કુળાનંદ
 (C) પ્રેમસખી (D) સહજાનંદ
32. “ગિજુભાઈ બધેકાએ” કયા પ્રકારનું સાહિત્ય આપ્યું ?
 (A) નાટક (B) નવલકથા
 (C) નિબંધ (D) બાળસાહિત્ય
33. “ ત્રિભોવનદાસ પુરુષોત્તમદાસ લુહાર” નું ઉપનામ કયું છે ?
 (A) સુંદરમ્ (B) વિશેષ
 (C) કાન્ત (D) શેષ
34. “મળેલા જીવ , માનવીની ભવાઈ ” નવલકથા કોણે લખી છે ?
 (A) ગોવર્ધનરામ ત્રિપાઠી (B) પન્નાલાલ પટેલ
 (C) રઘુવીર ચૌધરી (D) ચૂનિલાલ મડિયા
35. “ આજકાલ ” શબ્દનો કયો સમાસ થાય ?
 (A) દ્વંદ્વ (B) કર્મધારય
 (C) બહુવ્રીહિ (D) મધ્યમપદ લોપી
36. નીચેનામાંથી કયો વ્યંજન અનુનાસિક નથી ?
 (A) ઙ (B) ત
 (C) મ (D) ક
37. ‘નિરોગી’ શબ્દનો સાચો સંધિવિગ્રહ જણાવો.
 (A) નિસ્ + રોગી (B) નિસ્ + રોગિ
 (C) નિશ + રોગી (D) નિસ + રોગી
38. દમયંતીના મુખ આગળ ચંદ્ર પણ નિસ્તેજ _____ ! અલંકાર ઓળખાવો.
 (A) વ્યતિરેક (B) ઉપમા
 (C) અંત્યાનુપ્રાસ (D) ઉત્પ્રેક્ષા
39. India _____ superpower in future.
 (A) shall be (B) shall been
 (C) will be (D) will been
40. Find out correct spelling.
 (A) Lieutenant (B) Lieutnant
 (C) Leeutenant (D) Lieutnant

41. Write your name (Change the voice)

- (A) Let your name be written (B) Your name should be written
(C) You are required to write your name (D) All of these

42. He said to her, "What a cold day!" (Turn in to indirect speech)

- (A) He told her that it was a cold day.
(B) He exclaimed that it was a cold day.
(C) He exclaimed sorrowfully that it was a cold day
(D) He exclaimed that it was a very cold day.

43. "Life is but a walking shadow" is an example of

- (A) Metaphor (B) Hyperbole
(C) Apostrophe (D) Simile

44. Chaitanya was punished _____ he played a mischief.

- (A) So (B) because
(C) and (D) but

45. Jagruti have been serving _____ 1996

- (A) for (B) in
(C) on (D) since

46. Let's play Badminton, _____ (use question tags)

- (A) Shall we? (B) does we
(C) shan't we? (D) do we

47. अनुपमा कक्षा में बैठी है। सही काल बताएँ।

- (A) कर्म वाक्य (B) कर्तृवाक्य
(C) भाव वाक्य (D) कोई भी नहि

48. मुहावरे का सही अर्थ बताएँ। "कातर ढंग से देखना"

- (A) मूडकर देखना (B) प्रसन्न होकर देखना
(C) निराश होकर देखना (D) भयभीत होकर देखना

49. कहावत का सही अर्थ बताएँ। "काढ की हाँडी बार – बार नही चढती"

- (A) छल, कपट तथा चालाकी से एक ही बार काम निकलता है।
(B) छल कपट तथा चालाकी से काम लेना।
(C) काढ की हाँडी चूले उपर चढा नही हो पाना कई प्रयत्नो से
(D) उपर के सभी सच्चे है।

50. समास का प्रकार बताएँ। 'ग्रामपंचायत'

- (A) कर्मधारय (B) द्विगु
(C) बहुव्रीहि (D) तत्पुरुष

51. शब्दसमूह के लिए एक शब्द दीजिए । “फारसी का मुक्तक – काव्य”

- (A) पहेलिया (B) गझल
(C) रुबाई (D) गीत

52. ‘हिन्दी प्रेस प्रयाग’ की स्थापना कीसने की?

- (A) रामनरेश त्रिपाठी (B) प्रेमचंद
(C) भारतेन्द्र हरिश्चन्द्र (D) कोई भी नहि

53. कवि मैथिलीशरण गुप्त को कौन सी उपाधि मिली थी ?

- (A) कवि रत्न (B) महा कवि
(C) राष्ट्र कवि (D) श्रेष्ठ कवि

54. छालभां पुराणोनी संख्या ज्ञावो.

- (A) 18 (B) 29
(C) 38 (D) 108

55. नीचेनाभांथी कथं कृति कालिदासनी नथी.

- (A) विक्रमोर्वशीयम् (B) मुद्राराक्षस
(C) मेघदूतम् (D) ऋतुसंहारम्

56. ‘तक्रम’ इति शब्दस्य गुर्जरभाषायां कः अर्थः ?

- (A) तडली (B) पीशुं
(C) छाश (D) दडी

57. कृदन्त पहचानो । सः शालां गत्वा अभ्यासं करोति ।

- (A) शाला (B) गत्वा
(C) अभ्यास (D) करोति

58. श्लोकं पूर्णं करो.

नागेन्द्रहाराय त्रिलोचनाय

भस्माङ्गरागाय महेश्वराय

नित्याय शुद्धाय दिङ्नाम्बराय

तस्मै नं काराय..... ।

- (A) नमः गणेशाय (B) नमः शिवाय
(C) नमः महादेवाय (D) नमः विष्णुदेवाय

59. ‘कूर्म’ इति शब्दस्य पर्याय शब्दः कः ?

- (A) मकरः (B) कर्कटकः
(C) कच्छयः (D) ग्राहः

60. ‘आपदम्’ शब्दस्य विरुद्धार्थकः शब्दः कः ?

- (A) विपत्तिः (B) सम्पदम्
(C) आपत्तिः (D) विपदम्

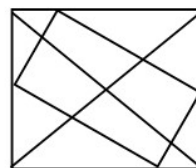
Maths - Science

61. IF $\bigcirc \triangle = 5$, $\square \text{pentagon} = 9$, $\triangle \text{pentagon} = 125$, $\square \bigcirc = 16$ then $\text{hexagon} \triangle = ?$

- (A) 89 (B) 100
(C) 144 (D) 2304

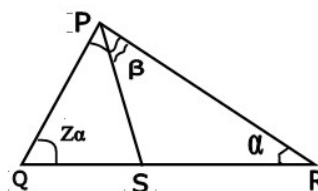
62. How many total triangles are there in the following figure?

- (A) 16 (B) 18
(C) 20 (D) 24

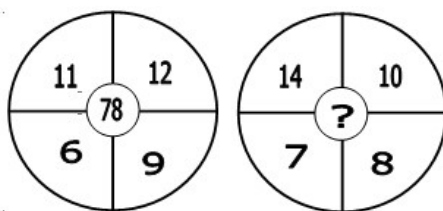


63. If $PQ=PS$ then find β

- (A) 25 (B) 30
(C) 45 (d) 60



64. Find the value of?



- (A) 74 (B) 94
(C) 84 (D) 104
65. If ROME is written as MORE, then DARE is written as
- (A) RAED (B) READ
(C) RDEA (D) RDAE

66. A sum of money compounded annually becomes ₹ 625 in 2 years and ₹ 675 in three years. The rate of interest per annum is?

- (A) 7% (B) 8%
(C) 6% (D) 5%

67. If a, b , be any positive integer and $x = 0$ Or 1 , Then.

- (A) $a^x b^{(1-x)} = xa + (1-x)b$ (B) $a^x b^{1-x} = (1-x)a + xb$
(C) $a^x b(1-x) = a^{(1-x)} bx$ (D) None of the above

68. If the cost of x meters of wire is ₹ d , then what is the cost of y meters of wire at the same rate?

- (A) ₹ $(\frac{xy}{d})$ (B) ₹ xd
(C) ₹ yd (D) ₹ $(\frac{yd}{x})$

69. 1100 Boys and 700 girls are examined in a test. 42% of the boys and 30% of the girls pass. The Percentage of the total students who failed is _____ .
- (A) 58% (B) $62\frac{2}{3}\%$
(C) 64 % (D) 78%
70. An article is sold at a certain price. By selling at $\frac{2}{3}$ of that price, one loses 10 % find the gain % at original Price.
- (A) 35% (B) 40%
(C) 45% (D) 50%
71. An engine is approaching a hill at constant speed. When it is at a distance of 0.9 km, it blows a whistle, whose sound is heard by drive after 5 sec. If the speed of sound is 340 m/s then find the speed of the engine.
- (A) 20m/s (B) 30 m/s
(C) 15 m/s (D) 10 m/s
72. What is the effect of change of temperature on the solubility of a salt?
- (A) Kinetic energy of molecules decrease (B) Kinetic energy of molecules Increases
(C) Kinetic energy becomes constant (D) none of the above
73. Which of the following is homogeneous mixture.
- (A) Sugar and sand Solution (B) Ice in coca cola
(C) Sugar in water (D) Concrete
74. Which of the following is a chemical change?
- (A) Burning of wood (B) Curd From milk
(C) digestion of food (D) All of the above
75. A batsman hits a ball which rolls on ground and after covering a short distance it stops because ...
- (A) The batsman did not hit ball hard enough
(B) Velocity is proportional to force exerted
(C) There is a force on the ball opposing the motion
(D) There is no unbalanced force.
76. If mass of an object is m moving with velocity v then what is the momentum?
- (A) $(mv)^2$ (B) mv^2
(C) $\frac{1}{2}mv^2$ (D) mv

77. When a car at high speed makes a sharp turn, the driver is thrown to opposite side this is due to

- (A) Inertia of motion (B) Inertia of time
(C) Inertia of Direction (D) None of these

78. Which of the following is called as Cell Power house?

- (A) Golgi body (B) Cell Wall
(C) Mitochondria (D) None of these

79. Plant cell is mainly composed of _____

- (A) Cellulose (B) lipid
(C) Protein (D) Sugar

80. Living cell was discovered by _____

- (A) Robert Brown (B) Robert Hooke
(C) Louis Pasteur (D) Dalton

Logical and Reasoning Ability

- The words in the bottom row are related in the same way as the words in the top row. For each item, find the word that completes the bottom row of the words.

81. Table wood oak

Shirt Cloth ?

- (A) Sealing (B) Dress
(C) Cotton (D) Tree

82. Daisy Flower Plant

Bungalow House ?

- (A) Building (B) Cottage
(C) Apartment (D) City

83. If A = 1, FAT = 27 then, FAITH = ?

- (A) 40 (B) 42
(C) 44 (D) 41

84. If 3rd December, 2021 was Friday, What day will be on 3rd January 2022?

- (A) Friday (B) Thursday
(C) Wednesday (D) Monday

85. If this questions for words are given which of them will come in the third number, if all of them are arranged alphabetically as in a dictionary?

- (A) Couch (B) Cough
(C) Council (D) Counsed

86. Varun is travelling on his cycle and has calculated to reach point A at 2 p.m. if he travels at 10 kmph. he will reach there at 12 noon if he travels at 15 kmph. At what speed must be travel to reach at 1 p.m?

- (A) 8 kmph (B) 11 kmph
(C) 12 kmph (D) 14 kmph

87. The average weight of a class of 24 is 35 kg. If the weight of the teacher be included the average rises by 400 gram. The weight of the teacher is?

- (A) 45 K.g (B) 46 K.g
(C) 47 k.g (D) 48 k.g

88. Sum of A's and B's age 6 years ago is 88. A's age 18 yrs ago is equal to B's age 6 years ago, find the age of A two year hence?

- (A) 58 years (B) 64 years
(C) 42 years (D) 52 years

89. "A " is a son of "B" . "C "is a brother of "A" . "D" is a son of "C" Who is a "A" of "D" ?

- (A) Grand Father (B) Father
(B) Uncle (D) Brother

90. If in a one code EDITION is write down as IDETNOI so write a MEDICAL in this code language.

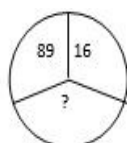
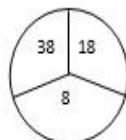
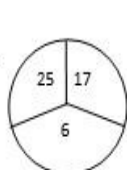
- (A) DEMILAC (B) LACIDMED
(C) DIEMCAL (D) MCADILE

91. Jay, Veeru and Shiva are 3 brother, if the following statement are all true, which of them is the youngest?

- Jay is the oldest.
- Shiva is not the oldest
- Veeru is not the youngest.

- (A) Veeru (B) Jay
(C) Shiva (D) Veeru and Shiva

92. In a figures certain character is given.Assuming that the characters in each set follow a similar pattern, find the missing character.



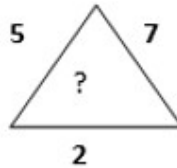
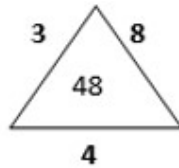
(A) 13

(B) 15

(C) 17

(D) 19

93.



(A) 27

(B) 35

(C) 54

(D) 64

94. In each of the following questions, there are a certain relationship between two given words.

- Thermometer : Temperature : Hygrometer _____

(A) Pressure

(B) Humidity

(C) Density

(D) Relative density

95. Jaggery : Sweet :: chilli : _____

(A) Sour

(B) Salt

(C) Hot

(D) Bitter

96. In class of 60 students where girls are twice than boys, laxmi ranked 27th from the top. If there are 9 boys ahead of laxmi , how many girls are after her rank?

(A) 23

(B) 21

(C) 22

(D) 24

97. Six family members Pankaj, Gopi, Chetan, Dinesh, Akash and Vyom are standing around a circular table. Gopi is between Vyom and Chetan. Pankaj is between Akash and Dinesh. Vyom is to immediate right to Dinesh. Who is opposite to Dinesh?

(A) Pankaj

(B) Chetan

(C) Vyom

(D) Gopi

98. Seven bottles colored – brown, blue, black, violet, white, indigo and purple are kept in a row, in a random order, from left to right such that the.

1. White and purple bottles are not at either extremes.

2. Brown bottle is to the immediate right of violet bottle and to the immediate left of the white bottle.

3. White, violet and brown bottles are not at the center.

4. Black bottle is to the immediate left of purple bottle.

5. Blue bottle is neither second last nor at either extremes.

- Bottles at the extreme right and left ends are :

(A) Violet and Purple

(B) Indigo and Violet

(C) Black and indigo

(D) Black and violet

99. Rasik Walked 20m towards north. Then he turned right and walks 30m. Then he turns right and walks 35m. Then he turns left and 15m.walk. Finally he turns left and walks 15m. In which direction and how many meters is he from the starting position?

- (A) 15m West (B) 15m East
(C) 15m West (D) 45m East

100. 20, 20, 19, 16, 17, 13, 14, 11 _____, _____

- (A) 10, 10, (B) 10, 4
(C) 13, 14 (D) 13,16

Answer Key

NARAYAN VIDYAVIHAR, BHARUCH

"Knowledge With Action"

NVV Knowledge Champion Examination: 2021 - 22

Section: Secondary - Higher secondary Medium: _____

Examiner Signature: _____ Obtained Marks: _____

3. Registration Number		INSTRUCTIONS		INSTRUCTION FOR MARKING	
		1. Read all instructions carefully before filling the form. 2. Darken the circles with HB Pencil only. 3. Please be careful while marking. you cannot mark more than one option for any Question. If you darken more than one circle your answer will be treated as wrong. 4. Do not make any Stray marks on the answer sheet. 5. Do not fold the Answer Sheet. 6. Check the Roll no. before signing. 7. Rough work must not be done on Answer Sheet. 8. Use question booklet for rough work.		Correct Method ○ ○ ○ ● Wrong Method ○ ○ ○ / X ○ ○ ○ ○ ○ ○ ●	

A B C D		A B C D		A B C D		A B C D		A B C D	
1	○ ○ ○ ○	21	○ ○ ○ ○	41	○ ○ ○ ○	61	○ ○ ○ ○	81	○ ○ ○ ○
2	○ ○ ○ ○	22	○ ○ ○ ○	42	○ ○ ○ ○	62	○ ○ ○ ○	82	○ ○ ○ ○
3	○ ○ ○ ○	23	○ ○ ○ ○	43	○ ○ ○ ○	63	○ ○ ○ ○	83	○ ○ ○ ○
4	○ ○ ○ ○	24	○ ○ ○ ○	44	○ ○ ○ ○	64	○ ○ ○ ○	84	○ ○ ○ ○
5	○ ○ ○ ○	25	○ ○ ○ ○	45	○ ○ ○ ○	65	○ ○ ○ ○	85	○ ○ ○ ○
6	○ ○ ○ ○	26	○ ○ ○ ○	46	○ ○ ○ ○	66	○ ○ ○ ○	86	○ ○ ○ ○
7	○ ○ ○ ○	27	○ ○ ○ ○	47	○ ○ ○ ○	67	○ ○ ○ ○	87	○ ○ ○ ○
8	○ ○ ○ ○	28	○ ○ ○ ○	48	○ ○ ○ ○	68	○ ○ ○ ○	88	○ ○ ○ ○
9	○ ○ ○ ○	29	○ ○ ○ ○	49	○ ○ ○ ○	69	○ ○ ○ ○	89	○ ○ ○ ○
10	○ ○ ○ ○	30	○ ○ ○ ○	50	○ ○ ○ ○	70	○ ○ ○ ○	90	○ ○ ○ ○
11	○ ○ ○ ○	31	○ ○ ○ ○	51	○ ○ ○ ○	71	○ ○ ○ ○	91	○ ○ ○ ○
12	○ ○ ○ ○	32	○ ○ ○ ○	52	○ ○ ○ ○	72	○ ○ ○ ○	92	○ ○ ○ ○
13	○ ○ ○ ○	33	○ ○ ○ ○	53	○ ○ ○ ○	73	○ ○ ○ ○	93	○ ○ ○ ○
14	○ ○ ○ ○	34	○ ○ ○ ○	54	○ ○ ○ ○	74	○ ○ ○ ○	94	○ ○ ○ ○
15	○ ○ ○ ○	35	○ ○ ○ ○	55	○ ○ ○ ○	75	○ ○ ○ ○	95	○ ○ ○ ○
16	○ ○ ○ ○	36	○ ○ ○ ○	56	○ ○ ○ ○	76	○ ○ ○ ○	96	○ ○ ○ ○
17	○ ○ ○ ○	37	○ ○ ○ ○	57	○ ○ ○ ○	77	○ ○ ○ ○	97	○ ○ ○ ○
18	○ ○ ○ ○	38	○ ○ ○ ○	58	○ ○ ○ ○	78	○ ○ ○ ○	98	○ ○ ○ ○
19	○ ○ ○ ○	39	○ ○ ○ ○	59	○ ○ ○ ○	79	○ ○ ○ ○	99	○ ○ ○ ○
20	○ ○ ○ ○	40	○ ○ ○ ○	60	○ ○ ○ ○	80	○ ○ ○ ○	100	○ ○ ○ ○

Invigilator's Signature

Candidate's Signature