

Model paper KVS PRT Preliminary Examination Part – 1

Model paper containing 110 Questions in the disciplines of General Knowledge, General Awareness, Current Affairs, General Science & Indian Constitution, Reasoning, Quantitative Aptitude and Teaching Aptitude etc

1. Among the following Indian cities, which one is located most southward?

(1) Hyderabad

(2) Vishakhapatnam

(3) Panaji

(4) Belgaum

Ans. (3)

2. Match List- I (**National Highway**) with List-II (**Connected Cities**) and select the correct answer using the code given below the Lists:

List-I

List-II

(National Highway) (Connected Cities)

A. NH 3

1. Delhi -Lucknow

B. NH 4

2. Agra-Bikaner

C. NH 11

3. Agra-Mumbai

D. NH 24

4. Chennai-Thane (Mumbai)

Code:

A B C D

(1) 3 1 2 4

(2) 2 4 3 1

(3) 3 4 2 1

(4) 2 1 3 4

Ans. (3)

3. Match List- I (Defense Institute) with List- II (City) and select the correct answer using the code given below the Lists:

<u>List-I</u>	<u>List-II</u>
<u>(Defense Institute)</u>	<u>(City)</u>
<u>A. College of Defense Management</u>	<u>1. Pachmarhi</u>
<u>B. Army Air Defense College</u>	<u>2. Bangalore</u>
<u>C. Army Supply Corps (ASC) Centre and College</u>	<u>3. Secunderabad</u>
<u>D. Army Education Corps (AEC) Training College and Centre</u>	<u>4. Gopalpur</u>

Code:

A B C D

(1) 3 4 2 1

(2) 1 2 4 3

(3) 3 2 4 1

(4) 1 4 2 3

Ans. (2)

4. Which of the following are Defense Public Sector Undertakings?

1. Goa Shipyard Limited

2. The Bharat Dynamics Limited

3. Mishra Dhatu Nigam Limited

Select the correct answer using the code given below.

(1) 1 and 2

(2) 2 and 3

(3) 1 and 3

(4) 1, 2 and 3

Ans. (1)

5. Match List- I (**Young Indian Player**) with List- II (**Game/Sport**) and select the correct answer using the code given below the Lists:

<u>List-I</u>	<u>List-II</u>
<u>(Young Indian Player)</u>	<u>(Game/Sports)</u>
<u>A. Armaan Ebrahim</u>	<u>1. Squash</u>
<u>B. Joshna Chinnappa</u>	<u>2. Hockey</u>
<u>C. Adrian D'Souza</u>	<u>3. Lawn Tennis</u>
<u>D. Karan Rastogi</u>	<u>4. Auto racing</u>

5. Swimming

Code:

A B C D

(1) 2 3 5 1

(2) 4 1 2 3

(3) 2 1 5 3

(4) 4 3 2 1

Ans. (2)

6. Match List- I (**Person**) with List- II (**Organization**) and select the correct answer using the code given below the Lists:

<u>List-I</u>	<u>List-II</u>
<u>(Person)</u>	<u>(Organization)</u>
<u>A. Shiv Nadar</u>	<u>1. Satyam Computers</u>
<u>B. Kumaramangalam Birla</u>	<u>2. Tata Consultancy Services</u>

C. R. Raju 3. Grasim Industries

D. S. Ramadorai 4. HCL Technologies

Codes:

A B C D

(1) 2 3 1 4

(2) 4 1 3 2

(3) 2 1 3 4

(4) 4 3 1 2

Ans. (4)

7. Which one of the following pairs is not correctly matched?

(1) Gol Gumbaz : Hyderabad

(2) Tomb of Itmad-ud-daula : Agra

(3) Tomb of Sher Shah : Sasaram

(4) Tomb of Rani Rupmati : Ahmedabad

Ans. (1)

8. Where is the Baglihar Hydroelectric Project located?

(1) Ferozepur District of Punjab

(2) Doda District of Jammu and Kashmir

(3) Faridkot District of Punjab

(4) Baramulla District of Jammu and Kashmir

Ans. (2)

(For the next Five Items)

ABC Ltd. presently has three Accounts Assistants (A, B and C) and five Accounts Officers (D, E, F, G and H). Its management is planning to-open a new office in another city using 3

Accounts Officers and 2 Accounts Assistants from its present staff. The following guidelines have been established to set up the new: office.

1. A and C are constantly finding faults with each other and should not be sent as members of the same team.

2. C and E function well alone but not as a team. They should not be sent as members of the same team:

3. D and G do not enjoy good relations. They should not be sent as members of the same team

4. Since D and F have been competing for a promotion, they should not be sent as members of the same team.

Based upon the above, answer the next five items:

9. If C and F are moved to the new office, what is the number of different teams that can be formed?

(1) 1

(2) 2

(3) 3

(4) 4

Ans. (1)

10. If C is sent to the new office which member of the staff can not go with C?

(1) H

(2) G

(3) F

(4) D

Ans. (4)

11. Under the guidelines developed, which of the following must go to the office?

(1) B

(2) D

(3) E

(4) G

Ans. (1)

12. Under the guidelines developed, which one of the following is the possible number of different teams, which can be sent to the new office?

(1) 15

(2) 12

(3) 8

(4) 6

Ans. (4)

13. If D goes to the new office which of the following is/are correct?

1. C cannot go.

2. A cannot go.

3. H must also go.

Select the correct answer using the code given below:

(1) 1 only

(2) 2 only

(3) 1 and 2

(4) 1 and 3

Ans. (4)

14. Consider the following statements

1. Megabyte (MB) is exactly equal to 2^{20} bytes.

2. A byte is a unit of data that is eight binary digits long.

3. A bit has a single binary value, either 0 or 1.

Which of the statements given above is are correct?

(1) 2 only

(2) 3 only

(3) 1 and 2

(4) 1, 2, and 3

Ans. (4)

15. Consider the following statements.

1. Bluetooth technology uses simulation of a given environment.

2. Virtual reality uses short-range wireless connection for connecting mobile phones, computers with each other.

Which of the statements given above is/are correct?

(1) 1 only

(2) 2 only

(3) Both 1 and 2

(4) Neither 1 nor 2

Ans. (4)

16. Match List -I (Temple/Cathedral) with List-II (Place) and select the correct answer using the code given below the list:

List-I

List-II

(Temple/Cathedral)

(Place)

A. Brihadeswara Temple

1. Guwahati

B. Vishwanatha Temple

2. Chennai

C. Kamakhya Temple

3. Thanjavur

D. Santhome Cathedral

4. Khajuraho

Codes:

A B C D

(1) 3 2 1 4

(2) 1 4 3 2

(3) 3 4 1 2

(4) 1 2 3 4

Ans. (3)

17. Match List -I (**Scholar**) with List- II (**Work**) and select the correct answer using the code given below the Lists:

List-I

List-II

(Scholar)

(Work)

A. Panini

1. Brihatsamhita

B. Varahamihira

2. Vedanga Jyotisha

C. Lagdhacharya

3. Rajatragani

D. Kalhana

4. Asthadhyayi

Codes:

A B C D

(1) 4 1 2 3

(2) 3 2 1 4

(3) 4 2 1 3

(4) 3 1 2 4

Ans. (1)

18. Match List -I (**World Heritage Site**) with List- II (**State**) and select the correct answer using the code given below the Lists:

List-I**List-II**(World Heritage Site)(State)A. Manas Wildlife Sanctuary1. BiharB. Mahabodhi Temple Complex2. UttranchalC. Group of Monuments, Pattadakal3. AssamD. Nandadevi National Park4. Karnataka**Codes:**A B C D(1) 2 4 1 3(2) 3 1 4 2(3) 2 1 4 3(4) 3 4 1 2Ans. (2)**(For the next THREE items)**

In a group of six men and women—A, B, C, D, and F there are two housewives who have not taken up a any job one lecturer, one architect, one accountant and one lawyer. Further,

1. There are two married couples in the group.

2. The lawyer is married to D who is a housewife and she has not taken up any job

3. No lady in the group is either an accountant or an architect

4. C who is an accountant is married to F who is a lecturer

5. A is married to D and E is not one of the two non-working housewives.

Based on the above, answer the next THREE items:

19. Which of the fo1loing is a married couple?

(1) A-B

(2) A-F

(3) C-E

(4) None of the above.

Ans. (4)

20. What is E-working as?

(1) Lawyer

(2) Architect

(3) Lecturer

(4) Accountant

Ans. (2)

21 How many members of the group are males?

(1) 2

(2) 3

(3) 4

(4) Cannot be determined

Ans. (2)

22. Consider the following statements:

1. Black soils occur mainly in Maharashtra, Western Madhya Pradesh, and Gujarat.

2. Alluvial soils are confined mainly to the Northern plains

Which of the statements given above is/are correct?

(1) 1 only

(2) 2 only

(3) Both 1 and 2

(4) Neither 1 nor 2

Ans. (3)

23. Consider the following statements:

1. India has an installed electric power generation' capacity of more than 1 lakh MW.

2. The total hydroelectric power potential of India is estimated around. 1, 50,000MW.

Which of the statements given above is/ are correct?

(1) 1 only

(2) 2 only

(3) Both 1 and 2

(4) Neither 1 nor 2

Ans. (1)

24. Match List –I (**Ore**) with List-II (**Metal**) and select the correct answer using the code given below the Lists:

List-I

List-II

(Ore)

(Metal)

A. Magnetite 1. Lead

B. Galena 2. Zinc

C. Bauxite 3. Iron

D. Sphalerite 4. Aluminum

Codes:

A B C D

(1) 3 4 1 2

(2) 2 1 4 3

(3) 3 1 4 2

(4) 2 4 1 3

Ans. (3)

25. Who among the following is the first to have taken 600 test cricket wickets?

(1) Courtney Walsh

(2) Glenn McGrath

(3) Shane Warne

(4) M. Murlitharan

Ans. (3)

26. Match List- I (**Person**) with List-II (**Organization**) and select the correct answer using the code given below the Lists:

List-I

List-II

(Person)

(Organization)

A. E. Shreedharan

1. SEBI

B. M. Damodaran

2. Atomic Energy Commission

C. A. Kakodkar

3. Nuclear Power Corporation of India

D. S. K. Jain

4. Delhi Metro Rail corporation

Code:

A B C D

(1) 4 1 2 3

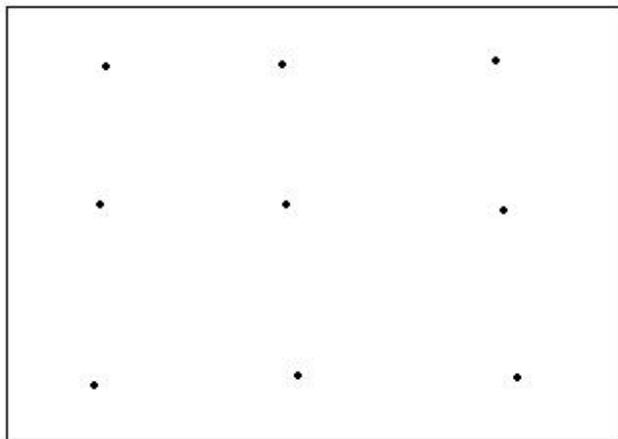
(2) 2 3 4 1

(3) 4 3 2 1

(4) 2 1 4 3

Ans. (1)

27.



9 equally spaced points are shown in the figure given above.

Consider the following statements:

1. The minimum number of straight lines that can be drawn by using a pencil and without lifting the hand so as to touch all these 9 points is 5

2. The maximum number of squares that can be formed by joining these points is 5.

Which of the statements given above is/are correct?

(1) 1 only

(2) 2 only

(3) Both 1 and 2

(4) Neither 1 nor 2

Ans. (1)

28. Three persons A, B, and C wore shirts of black, blue, and orange colours (not necessarily in that order) and pants of green, yellow and orange colours (not necessarily in that order). No person wore shirt and pant of the same colour. Further, it is given that

1. A did not wear shirt of black colour.

2. B did not wear shirt of blue colour.

3. C did not wear shirt of orange colour.

4. A did not wear pant of green colour.

5. B wore pant of orange colour. What were the colours of the pant and shirt worn, by C, respectively?

(1) Orange and black

(2) Green and blue

(3) Yellow and blue

(4) Yellow and black

Ans. (2)

29. A cube whose two adjacent faces are colored as cut into 64 identical small cubes. How many of these small cubes are not colored at all?

(1) 24

(2) 36

(3) 48

(4) 60

Ans. (2)

30. Match List -I (**Temple**) with List- II (**Built Under**) and select the correct answer using the code given below the Lists:

List-I (Temple)

List-II (Built Under)

A. Badami Cave temples

1. Chalukyas

B. Ellora

2. Chandellas

C. Khajuraho

3. Pallavas

D. Mahabalipuram

4. Rashtrakutas

Codes:

A B C D

(1) 2 3 1 4

(2) 1 4 2 3

(3) 2 4 1 3

(4) 1 3 2 4

Ans. (2)

31. At which one of the following places did Gautama Buddha attain Par nirvana?

(1) Gaya

(2) Kushinagar

(3) Rajgir

(4) Shravasti

Ans. (2)

32. Consider the following statements:

1. Nadir Shah invaded India during the rule of the Mughal Emperor Muhammad Shah.

2. The Third Battle of Panipat was fought during the reign of Akbar Shah II.

Which of the statements given above is/are correct?

(1) 1 only

(2) 2 only

(3) Both 1 and 2

(4) Neither 1 nor 2

Ans. (1)

33. Who among the following was a contemporary of the famous poet Amir Khusro?

(1) Iitutmish

(2) Ala-ud-din Khalji

(3) Ibrahim Lodi

(4) Akbar

Ans. (2)

34. Who among the following Delhi Sultans made Agra the capital of his Empire?

(1) Iitutmish

(2) Balban

(3) Feroz Shah Tughluq

(4) Sikander Lodi

Ans. (4)

35. Which one of the following wars was fought earliest?

(1) First Anglo-Burmese War

(2) First Anglo-Afghan War

(3) First Anglo-Maratha War

(4) First Anglo-Sikh War

Ans. (2)

36.

a	b	c	S_1
d	e	f	S_2
g	h	i	S_3
S_4	S_5	S_6	P

$$S_1 = a + b + c$$

$$S_2 = d + e + f.$$

$$S_3 = g + h + i.$$

$$S_4 = a + d + g$$

$$S_5 = b + e + h.$$

$$S_6 = c + f + i$$

$$P = (a)(e)(i)$$

If the numerical values of $S_1, S_2, S_3, S_4, S_5, S_6$ and P are known,

what is the minimum number of values of the lower case letters that must be given such that values of all the lower case letters become known?

(1) 2

(2) 3

(3) 4

(4) 5

Ans. (2)

37. Seven players A, B, C, D, E, F and G are to be seated such that.

(i) B must always occupy the second position

(ii) F must always occupy the sixth position

(iii) D and E must be seated adjacent to each other

In how many different ways can they be seated?

(1) 8

(2) 12

(3) 24

(4) None of the above

Ans. (4)

38. There are 24 equally spaced points lying on circumference of a circle. What is the maximum number of equilateral triangles that can be drawn by taking sets of three points and joining the three points of each set?

(1) 4

(3) 8

(2) 6

(4) 12

Ans. (3)

39. A has a few 5 rupee notes only; B has a few 10 rupee notes only while C has a few 20 rupee notes only. Each of them gives two notes to the other two. After doing so, they end up having the same amount of money. Which one of the following combinations of the number of notes possessed by A, B and C initially is not possible?

A B C

(1) 51 notes 27 notes 15 notes

(2) 31 notes 17 notes 10 notes

(3) 39 notes 21 notes 12 notes

(4) 70 notes 37 notes 20 notes

Ans. (4)

40. In Indian history, Lord Macaulay is known for his contribution to which one of the following areas?

(1) Army

(2) Land revenue

(3) Railways

(4) Education

Ans. (2)

41. Who is the author of the book—Tryst With Destiny?

(1) Jawaharlal Nehru

(2) K.P.S. Menon

(3) K. M. Munshi

(4) S. Gopalan

Ans. (4)

42. Match List -I with List -II and select the correct answer using the code given below the Lists:

List-I

List-II

A. Poona Act

1. Subhas Chandra Bose

B. Indian Association

2. M. G. Rande

C. Poona Sarvajanik Sabha

3. Dr. B. R. Ambedkar

Codes:

A B C D

(1) 2 1 3 4

(2) 3 4 2 1

(3) 2 4 3 1

(4) 3 1 2 4

Ans. (2)

43. At which one of the following Congress Sessions, did Dadabhai Naoroji announce that the Swaraj was the goal of India's political efforts?

(1) Karachi Session

(2) Lahore Session

(3) Lucknow Session

(4) Calcutta Session

Ans. (4)

44. Who among the following was not associated with the Indigo Rebellion?

(1) Harishchandra Mukherjee

(2) Digambar Biswas

(3) Dinbandhu Mitra

(4) Keshabchandra Sen

Ans. (4)

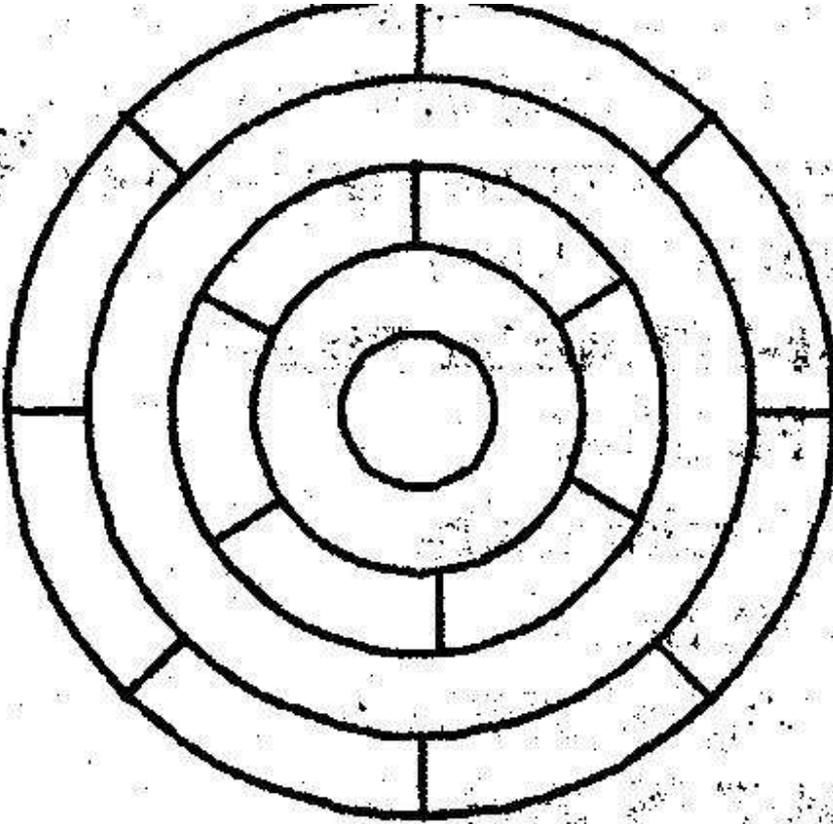
45. Who was the President of the Indian National Congress at the time of partition of India?

(1) Rajendra Prasad

(2) Jawaharlal Nehru

Ans. (4)

48.



What is the minimum number of different colours required to paint the figure given above such that no two adjacent regions have the same colour?

(1) 3

(2) 4

(3) 5

(4) 6

Ans. (1)

49. In how many different ways can 7 identical coins be placed on a chessboard (containing 64 identical squares) so that all of them lie along the same line (Each of the 7 coins is to be placed in a different square)?

(1) 49

(2) 64

(3) 124

(4) 148

Ans. (2)

50. Which one of the following does not share boundaries with Arunachal Pradesh?

(1) Assam

(2) Nagaland

(3) Meghalaya

(4) Bhutan

Ans. (3)

51. Which one among the following is the largest natural lake?

(1) Aral Sea

(2) Caspian Sea

(3) Lake Victoria

(4) Lake Huron

Ans. (2)

52. Which one among the following regions has the tropical rain forests?

(1) Chota Nagpur Plateau

(2) Coromandel Coast

(3) Malwa region

(4) Western Ghats

Ans. (4)

53. Which one of the following pairs is not correctly matched?

(1) Chitrakote Falls : Chhattisgarh

(2) Gokak Falls : Karnataka

(3) Dhuandhar Falls : Madhya Pradesh.

(4) Duduma Falls : Assam

Ans. (1)

54. Which of the following pairs of countries border Lake Victoria?

(1) Zambia and Tanzania

(2) Zambia and Botswana

(3) Botswana and Mozambique

(4) Tanzania and Uganda

Ans. (4)

55. Which one of the following is the most abundant gas in the earth's atmosphere other than nitrogen and oxygen?

(1) Argon

(2) Carbon dioxide

(3) Hydrogen

(4) Methane

Ans. (1)

56. Match list-I (**Desert**) with List -II (**Territory**) and select the correct answer with the code given below the Lists:

List-I (Desert) **List-II (Territory)**

A. Chihuahuan 1. USA

B. Kara Kum 2. Sudan

C. Nubian 3. Turkmenistan

D. Sonoran

Codes:

A B C D

(1) 2 3 3 1

(2) 1 1 2 3

(3) 1 3 2 1

(4) 2 1 3 3

Ans. (3)

57. Five friends F1, F2, F3, F4, and F5 have Rs. 100 each. F1 gives Rs. 12 to F3 who also borrows Rs. 10 from F2 who in turn takes Rs. 15 from F5 while F5 gives Rs. 18 to F4 and Rs. 12 to F1. F1 borrows Rs. 20 from F4.

What is the amount of money left with F2?

(1) Rs. 120

(2) Rs. 122

(3) Rs. 105

(4) Rs. 97

Ans. (3)

58. Four-digit numbers are to be formed using the digits 1, 2, 3 and 4, and none of these four digits are repeated in any number. Further,

1. 2 and 3 are not to immediately follow each other.

2. 1 is not to be immediately followed by 3.

3. 4 is not to appear at the last place.

4. 1 is not to appear at the first place.

How many different numbers can be formed ?

(1) 6

(2) 8

(3) 9

(4) None of the above

Ans. (2)

59. While writing all the numbers from 700 to 1000. . how many numbers occur in which the first digit is greater than the second digit, and the second digit is greater than the third digit?

(1) 61

(2) 64

(3) 85

(4) None of the above

Ans. (3)

60. If 2nd and 4th Saturdays, and all the Sundays are taken as holidays for an office, what would be the minimum number of possible working days of any month of any year?

(1) 20

(2) 21

(3) 22

(4) 23

Ans. (3)

61. Which one of the following is surrounded by the belt of volcanoes called the Ring of Fire.

(1) Atlantic Ocean

(2) Arctic Ocean

(3) Mediterranean Sea

(4) Pacific Ocean

Ans. (4)

62. Match List-I (**Place of Tourist Interest**) with List -II (**State**) and select the correct answer using the code given below the Lists:

<u>List-I</u>	<u>List-II</u>
<u>(Place of Tourist Interest)</u>	<u>(State)</u>
A. Dalhousie	1. Tamil Nadu
B. Alibagh	2. Himachal Pradesh
C. Kalimpong	3. Maharashtra
D. Ooty	4. West Bengal
	5. Karnataka

Codes:

A B C D

(1) 4 1 2 3

(2) 2 3 4 1

(3) 4 3 2 1

(4) 2 1 4 5

Ans. (2)

63. Match List -I (**Organization**) with List -II (**Headquarters**) and select the correct answer using the code given below the Lists:

<u>List-I</u>	<u>List-II</u>
<u>(Organization)</u>	<u>(Headquarters)</u>
A. International Monetary Fund	1. Geneva
B. International Labour Organization	2. Montreal
C. International Atomic Energy Agency	3. Vienna
D. International Civil Aviation Organization	4. Washington D.C.

Codes:

A B C D

(1) 4 1 3 2

(2) 3 2 4 1

(3) 4 2 3 1

(4) 3 1 4 2

Ans. (1)

64. Match List-I (**Tourist Place**) with List -II (**State**) and select the correct answer using the code given below the Lists:

List-I

List-II

(Tourist Place)

(State)

A. Kalakad

1. Kerala

B. Jwalamukhi

2. Himachal Pradesh

C. Munnar

3. Uttranchal

D. Valley of Flowers

4. Tamil Nadu

Codes:

A B C D

(1) 4 1 2 3

(2) 3 2 1 4

(3) 4 2 1 3

(4) 3 1 2 4

Ans. (3)

65. Match List -I (**Industrial Town**) with List- II (**State**) and select the correct answer with the code given below:

(2) Asirgarh Port : Madhya Pradesh

(3) Daulatabad Fort : Rajasthan

(4) Girigee Fort : Tamil Nadu

Ans. (2)

68. Which one of the following is not a characteristic of convectional rainfall?

(1) Afternoon rain

(2) Drizzling

(3) Lightning and thunder

(4) Torrential rain

Ans. (2)

69. Which one among the following States has the largest amount of coal reserves in India?

(1) Andhra Pradesh

(2) Chhattisgarh

(3) Jharkhand

(4) Orissa

Ans. (3)

70. Which one of the following places is situated most western ward among them?

(1) Bikaner

(2) Diu

(3) Jaisalmer

(4) Porbandar

Ans. (4)

71. Where is the Headquarters for the Northwestern Railway zone located?'

(1) Udaipur

(2) Jodhpur

(3) Ajmer

(4) Jaipur

Ans. (4)

72. Which state among the following has the highest percentage of the Scheduled Tribes of its population in comparison to the other three States?

(1) Arunachal Pradesh

(2) Madhya Pradesh

(3) Manipur

(4) Tripura

Ans. (1)

73. Which Schedule Of the Constitution of India includes the emoluments payable to the President and the Governors?

(1) First

(2) Second

(3) Third

(4) Fourth

Ans. (2)

74. Consider the following statements:

1. Until the Parliament by-law provides otherwise, all proceedings in the Supreme Court and every High Court are to be in English.

2. The authoritative texts of all bills, amendments, acts, ordinances, orders, rules, regulations, and by-laws at the Union and State levels have to be in English only.

Which of the statements given above is/are correct?

(1) 1 only

(2) 2 only

(3) Both 1 and 2

(4) Neither 1 nor 2

Ans. (1)

75. Match List-I (**Committee/Commission**) with List-II (**Subject**) and select the correct answer using the code given below the Lists:

List-I

List-II

(Committee/Commission)

(Subject)

A. Narasimhan Committee

1. Constitutional reforms

B. Raja Chelliah Committee

2. Finance sector reforms

C. Sarkaria Commission

3. Taxation reforms

D. Venkatachaliah Commission

4. Centre State relations

Code:

A B C D

(1) 4 1 2 3

(2) 2 3 4 1

(3) 4 3 2 1

(4) 2 1 4 3

Ans. (2)

76 Who among the following was the first woman Chief Minister of an Indian State?

(1) Sucheta Kriplani

(2) Sarojini Naidu

(3) Nandini Satpathy

(4) Vijayalakshmi Pandit

Ans. (1)

77. How can the Legislative Council in a State in India be created or abolished?

(1) By the President of India on the recommendation of the Governor of the concerned State

(2) By the Union Home Ministry on the advice of the State Government.

(3) By the Parliament after the State Legislative Assembly passes a resolution to that effect

(4) By the Governor on the advice of the State Government

Ans. (3)

78. Where is the headquarters of the Amnesty International located?

(1) Paris

(2) Vienna

(3) London

(4) Geneva

Ans. (3)

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79. Consider the following statements:

1. India is a founder member of both GATT and WTO.

2. The Ministerial Conference of the WTO is mandated to be held at least once in two years. Which of the statements given above is/are correct?

(1) 1 only

(2) 2 only

(3) Both 1 and 2

(4) Neither 1 nor 2

Ans. (3)

80. Match List -I (**Book**) and List- II (**Author**) and select the correct answer using the code given below the Lists:

List-I (Book)

A. Conquest of Self

B. Prison Diary

C. Dynamics of Social Change

D. Yesterday and Today

List-II (Author)

1. Chandra Shekhar

2. Jayaprakash Narayan

3. K.P.S Menon

4. Mahatma Gandhi

Code:

A B C D

(1) 4 3 1 2

(2) 1 2 4 3

(3) 4 2 1 3

(4) 1 3 4 2

Ans. (3)

81. The power to make any provision with respect to all matters relating to citizenship of India rests with

(1) Parliament

(2) Union Ministry of External Affairs

(3) Union Ministry of Law and Justice

(4) Union Ministry of Home Affairs

Ans. (1)

82. What is the use of small particles of silica gel often found in the packages of medicine?

(1) It destroys fungal spores

(2) It kills bacteria

(3) It prevents oxidation of medicine

(4) It absorbs moisture in the package

Ans. (4)

83. Polyhydroxy derivatives of aldehydes or ketones are

(1) Carbohydrates

(2) Fats

(3) Proteins

(4) Steroids

Ans. (4)

84. Azurite is an ore of

(1) Aluminum

(2) Copper

(3) Gold

(4) Mercury

Ans. (2)

85. Rayon fiber is made from

(1) Cellulose

(2) Isoprene

(3) Polyethylene

(4) Polyvinyl chloride

Ans. (4)

86. Which of the following parts/spectra of solar radiation is/are mostly absorbed by the leaves of green plants?

(1) Infrared

(2) Red and blue

(3) Violet, Indigo, and orange

(4) Ultra-violet, green and orange

Ans. (4)

87. Consider the following statements:

1. Unlike blood, lymph-flows only in one direction.

2. Lymph carries digested fat.

Which of the statements given above is/are correct?

(1) 1 only

(2) 2 only

(3) Both 1 and 2

(4) Neither 1 nor 2

Ans. (3)

88. What are soaps chemically?

(1) Mild acids

(2) Mild alkalis

(3) Paraffins

(4) Salts

Ans. (3)

89. Which one of the following effects is employed in the instruments used by the police to detect the over speeding of vehicles?

(1) Doppler effect

(2) Kerr effect

(3) Thompson effect

(4) Seebeck effect

Ans. (1)

90. Which one of the following is not a good source of nutritional iron?

(1) Jaggery

(2) Nuts

(3) Fish

(4) Milk

Ans. (3)

91. What is the cause of the disease 'myxoedema' in adult human beings?

(1) Hyperthyroidism

(2) Hypothyroidism

(3) Hyperparathyroidism

(4) Hyperparathyroidism

Ans. (2)

92. Which one of the following causes the infectious disease Anthrax?

(1) Bacteria

(2) Fungi

(3) Protozoa

(4) Virus

Ans. (4)

93. Which one of the following is not an alloy?

(1) 18 carat gold

(2) Soldering metal

(3) Steel.

(4) Graphite

Ans. (4)

94. Match List -I (**Invention/Discovery**) with List-II (**Inventor/Discoverer**) and select the correct answer using the code given below the Lists:

List-I

List-II

(Invention/Discovery)

(Inventor/Discoverer)

A. Pendulum clock

1. Christian Huygens

B. Machine gun

2. Antoine Bacquerel

C. Radioactivity

3. Richard Galling

D. X-rays

4. W. K Rontgen

Code:

A B C D

(1) 2 4 1 3

(2) 1 3 2 4

(3) 2 3 1 4

(4) 1 4 2 3

Ans. (2)

95. Which one of the following is the predominant raw material used in the manufacture of cement?

(1) Alumina

(2) Limestone

(3) Gypsum

(4) Magnesia

Ans. (2)

96. Which of the following can be taken as a reflection of meaningful learning?

(1) A good score in the examination

(2) A high degree of retention

(3) The capability of transferring/using learning in different situations

(4) The ability to recall as and when needed

Ans :3

97. The most important thing for a student to gain a better insight in the subject is / are?

(1) the notes given by the subject teacher in the class

(2) the discussion facilitated by the teacher and held by the students for comprehending various aspects of the topic under reference

(3) the source material arranged by the teacher for the students

(4) the scholarship of the teacher

Ans :2

98. Schools should arrange co-curricular activities for the students, because?

(1) curricular experiences are incomplete without supplements

(2) interplay of curricular and co-curricular experiences gives a better insight into the content and its context

(3) everybody wants co curricular activities these days

(4) co-curricular activities make the school's program attractive.

Ans : 2

99. You are teaching in your class and it is almost the end of your session. A child of your class comes late and seeks your permission to enter the class. Being a good teacher, you will?

- (1) not permit the child, as it makes little sense coming to class so late
- (2) get annoyed, as you are disturbed
- (3) ask the child to explain his/her position before you take an appropriate decision
- (4) allow him/her to enter and ask him/her the reasons for being so late when the class gets over

Ans : 4

100. You enter your regular class to discover the children not in a mood to study that particular day. You will

- (1) value the child's precious time and world, therefore, teach as per your plan
- (2) feel disturbed seeing the reluctance of the children to study
- (3) ask the children to mend their ways
- (4) allow students the freedom to come up with what they want and gradually connect them to your plan

Ans : 4

101. The teacher who has developed an interest in teaching?

- (1) Studies problem of student behaviour
- (2) Compares different types of tests
- (3) Refuses to be guided by the rules of thumb
- (4) Cannot deal with children effectively

Ans : 1

102. Find the odd one out?

- (1) Recall
- (2) Recognition
- (3) Trace
- (4) Remembering

Ans : 4

103. Motivation should be followed by?

- (1) Reward
- (2) Reproof
- (3) Knowledge of result
- (4) Incentive

Ans : 1

104. Learning which involves motor organ is called?

- (1) Sensory learning
- (2) Motor learning
- (3) Verbal learning
- (4) Sensory motor learning

Ans : 2

105. Which of the following is an audio-visual aid?

- (1) Radio
- (2) Tape-recorder
- (3) Television
- (4) Projector

Ans : 3

106. Do the children of intelligent parents always shine in studies?

- (1) Yes
- (2) No
- (3) Psychology
- (4) It depends on God

Ans : 2

107. Children's fantasy reflects their?

- (1) Love for imagination
- (2) Inherent talent
- (3) Age-specific traits
- (4) Hidden frustrations

Ans : 3

108. I prefer teaching young children because?

- (1) I love playing with them
- (2) It is easy to manage them
- (3) It does not take extra reading on my part
- (4) This is the best time to develop values and skills

Ans : 4

109. Today's parents exert a lot of pressure for achievement on their children as?

- (1) they want to fulfill their dreams through their children
- (2) they are scared about their children's future
- (3) the world is getting competitive everyday
- (4) social status is gained only through good grades

Ans : 3

110. An effective teacher

- (1) can manage his/her class well
- (2) knows his/her subject very well
- (3) cares for his / her students
- (4) helps his/her students to be authentic learners

Ans : 3