

**Jr. Employment Officer - National Employment Services (Kerala)/Assistant Jailor Gr.**

**/Supd., Sub Jail - Jails (NCA - SC, ST)**

**Medium of Question: English Date of Test: 20.05.2017**

**057/2017**

**Choose the correct answer from the four options A, B, C, D given in brackets.**

**1. A and B are two cities. A man travels from A to B at a speed of 10 km/hr. and returns**

**back at the speed of 30 km/hr. Find his average speed for whole journey. A) 12 km/hr. B) 15 km/hr. C) 20 km/hr. D) 22.5 km/hr.**

**2. A train 220 m long is running at 30 km/hr. How long will it take to cross a bridge**

**80 meters long? A) 10 seconds B)  $14/3$  seconds C) 36 seconds D) 16.8 seconds**

**3. A and B together can finish a work in 16 days, while B can do the same work alone in**

**24 days. In how many days can A alone finish the work ? A) 25 days**

**B) 20 days**

**C) 48 days D) 42 days**

**4. The ratio of ages of Anil and Ashima is 3:5. The sum of their ages is 48 years.**

**What is**

**the age of Ashima ?**

**A) 18 years B) 30 years C) 16 years D) 10 years**

**5. Today is Monday. After 100 days what day it will be ?**

**A) Wednesday B) Tuesday C) Thursday D) Sunday**

6.  $65 - 5 \times 7 + (8 \times 4 - 2 - 1) = ?$

B) 45

C) 428

D) 70

A) 75

C c

7.  $10.8 + 2.3 - 5 = ?$  PSC LIBRARY

A) 87 B) 45 C)

R D ) 8 20

9

B

3

8. Meena, Arun and Gopu divide a sum of Rs. 6,000 in such a way that Arun gets of

what Meena gets and Gopu gets of what Arun gets. Then what is Arun's share ? A) Rs. 1,200 B ) Rs. 1,480 C) Rs. 1,600 D) Rs. 3,000

9. The cost of a machine is estimated to be increasing at the rate of 10% every year. If it

costs Rs. 12,000 now, what will be the estimated value after 3 years ? A) Rs. 19,572 B ) Rs. 15,972 C) Rs. 17,952 D) Rs. 15,792

10. There are 30 students in a class. One student weighing 25 kg **goes away and a new**

student joins the class. If the average weight is then increased by 200 grams, what is the weight of new student ? A) 32 kg

B) 31 kg C) 30 kg D) 29 kg

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11. If PRLN : XZTV :: JLFR  
: ?

Which one of the answer would replace the question mark?

A)

NPRT B)

NRPT C)

NTRP D)

RTNP

11

X

13

D

15

12. If?: Vegetable ::?:

Wheat

Which one of the following is the correct pair for question marks? A) Plant, Cake B) Barley, Flour C) Cabbage, Corn D) Leaves, Rice

13. In the following four numbers, **three are same in certain way**, while the

rest one is

different. Find out the **different**

**one.** A) 28 B) 14 C) 49 D)

43

14. Out of four words, three **are same in certain way, while the rest one is** different. Find out

the different one.

A) Bird B) Crow

C) Kite D)

Pigeon

15. Which of the **alternative figures** would correctly fill in the blank space in following **series**

of numbers? 1,5,

10, 16, 23, 31, –

A) 38 B) 50

C) 39

D) 40

A

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017 16. In a certain code FIRE is coded as DGPC. What will be the last letter of the coded word

for 'SHOT' ?

A) Q B) P

17 A

18

C) R

X

19

D) S

20

16

17. After starting from a point, a man walks 3 km towards East, then turning his left he

moves 3 km. After this he again turns left and moves 3 km. Which choice given below indicates the correct direction in which he is from his starting point ? A) North B) East C) West D) South

18. If 8th of the month falls 3 days after Sunday, what day will be on 17th of that month?

A) Thursday

B) Tuesday

C)

Wednesday

D) Friday

19. A, B, C and D distribute some cards among themselves in a manner that A gets

1 less than B; C gets 5 more than D; while D gets as many as B. Who gets the least number of cards? A) B B) C C) D D) A

20. If the letters of the word **SARBS** are rearranged so that a name of metal is obtained.

What will be the first letter of that word ?

A) A

B) S

C) R

D) B

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**7**

21. A mixture of two **gases** are called 'Syn gas'. Identify the mixture.

A) CO and

N<sub>2</sub>,

N<sub>2</sub>, C) CO and H<sub>2</sub>,

B) CO, and

D) Co and  
Hy

22. The compound called blue vitriol is

A) Baso, 2H<sub>2</sub>O,

0 C) Caso,

12H<sub>2</sub>O

21 22 B 23

ID 24A 25 A

B)  $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$  D)  $\text{BaCl}_2 \cdot 2\text{H}_2\text{O}$

30

A A

23. What is the hybridisation of carbon in  $\text{HC}=\text{N}$ ?

A)  $\text{sp}^d$

B)  $\text{sp}^3$

C)  
 $\text{sp}^2$

D)  $\text{sp}$

24. Human body is an example for

A) Open system

C) Isolated  
system

B) Closed system D) Adiabatic system

25. What is the internal energy change of a system when it absorbs 15 kJ of heat and does

5 kJ of work?

A) 10 kJ

B) 20 kJ

C) 0 kJ

D) 5 kJ

26. Which temperature is called absolute

zero ?

A)  $-273.15^{\circ}\text{C}$  B)  $-273.15\text{ K}$  C)  
 $0^{\circ}\text{C}$

D) None of these

27. Choose a water soluble  
Vitamin.

A) Vitamin A B) Vitamin  
D

C) Vitamin  
C

D) Vitamin  
E

28. The metal present in chlorophyll  
is

A) Iron

B) Cobalt

C)  
Magnesium

D) Nickel

29. A peptide hormone is

A) Estrone B) Corticoid

C) Progesterone

D) Insulin

30. Which of the following is not found in DNA?

A) Uracil

B) Adenine C) Thymine

D) Guanine

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31. GST (Goods and Service Tax) is set to be introduced by the Union Govt. on

A) April 1st  
2017

B) May 15

2017 C) June 1st 2017

D) July 1st  
2017

32. Indian Sports **Research Institute** is located at

A) Delhi

B) Patiala

C) Mohali

D) Ranchi

33. The first cinema scope film in India

A) Deewana B) Bazigar

C) Kagaz Ke Phool D)  
Dangal

34. The power to decide an election petition is vested with

A) High Court

B) Supreme Court

C) Election Commission

D) Parliament

34A 35 C 36 X  
37D 38 B

40c

35. World First Bank to deploy a robot for customer service

A) HSBC

B) Axis Bank C) HDFC

D) ICICI

36. Who wrote the famous book 'Who Wants To Be Millionaire'?

A) Agatha Christie B) Emile Zola C) Vikram Seth

D) Chethan Bhagath

37. Where is the Headquarters of FIFA governing body is situated ?

A) Dubai

B) San Paulo C) London D) Zürich

**38. Name of the first solar ferry boat of India between Vaikom - Tavanakkadavu.**

A) Pinaka

**B) Aaditya** C) Ushas D) Jalareni

**39. Which team is the second highest winning FIFA World Cup ?**

A) Italy

B) Germany C) Argentina

D)

England

**40. The President can dismiss a member of the Council of Ministers**

A) On his own B) With the consent of the **Speaker** C) On recommending the **Prime Minister** D) Only under emergency conditions

**B) with the consent of the Speaker**

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**41. V. T. Bhattathirippad and his friends conducted a "Yachana Yathra" in 1931 from**

A) Trissur to  
Kasargod

B) Palakkad to

Kasargod C) Varkala to Kasargod

D) Varkala to  
Palakkad

42. Name the person who is related to the foundation of the "Servants of the Mary

Immaculate". A) Poikayil  
Yohanan B) St. Kuriokose  
Alias Chavara C) Sr.  
Alphonsa D) Arnos Pathiri

43. The name of the social reformer who was called abusively as "Pandiparayan" by the

Savarnas (high caste  
people). A) Vaikunda  
Swamikal

B)

Vagbhatananda C) Thycaud Ayya Swamikal

D)

Ayyankali

44. Name of the Diwan who banned and confiscated the newspaper "Swadeshbhimani"

in 1910 A) P.  
Rajagobalachari

B) Ramayan

**Dalawa** C) C. P. Ramaswami

D) Veluthambi

**Dalawa**

41 A 42 B

43 C

45. Which river is also known as Thalayar?

A) Kunthi River

**B) Karamanayar**

45 TC

461 C C)

Parbar

D) Sirumani

47 TD

49 C 50D

46. The place "Muziris" was known in ancient Kerala history as

A) Capital city

B) Chera

village C) Harbour city

D) Urban  
**centre**

47. The first mass struggle against untouchability in **Kerala was**

A) Guruvayur

Satyagraha B)

Paliyam Satyagraha C)

Channar Revolt D)

Vaikom Satyagraha

48. The name "Karindhandan" is associated with

A) Kuttiyadi  
pass

pass C) Periyar pass

B) Thamarasseri

D) Nadukkani  
pass

51C 52

49. Mention the main feature of "Chinnar".

A) Gold deposit in Kerala

B) Hottest region in Kerala  
C) Rain shadow region in Kerala

D) Mica deposit in Kerala

50. The famous "Mamankam Festival" was celebrated on the bank of the river

A) Periyar

Kabani C) Pamba

B)

D)  
Bharathapuzha

51. The name of person who persuaded Gandhiji to include

women in Salt Sathyagraha.

- A) Sarojini Naidu
- B) Urvashi Bhatalia
- C) Kamaladevi Chadhopadhyaya
- D) Subhadrakumari Chauhan

52. In which Sathyagraha did Gandhiji **interfere for labours in factory** for the first time?

- A) Kheda Sathyagraha
- B) Bardoli
- C) **Chambaran**
- D) Ahmedabad

53. Congress Session which decided to celebrate 26th January as Independence Day all

- A) **over the country**
- A) Amaravathi Congress
- B) **Bombay Congress**
- C) Lahore Congress
- D) Belgaum Congress

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54. *Maha tma* : *Life of Mohandas Karamchand Gandhi*, the biography of Gandhiji is written by

- A) D.G. Tendulkar

B) Sasi Tharoor

54A C) Ruskin

Bond D) Dr. S. Radhakrishnan

57  
SS LA 56

58  
59  
60A

55. Who organized the group called "Khudaikhitmatgars" ?

A) Khan Abdul Ghafar Khan

B) Moulana Azad

C) Syed Ahammed Khan

D) Agha Khan

56. Who is known as the mother of Indian Revolutions ?

A) Captain Lakshmi

B) Annie Besant

C) Rani Gaidilieu

D) Madam Bhikaji Rustom Cama

57. Who among the following **was not a member** of the Cabinet Mission ?

A) Strafford Cripps

B) A. V. Alexander

C) John Simon

D) Pethic  
**Lawrence**

58. The famous book "*Annihilation of Caste*"  
**was written by**

- A) Jyothi Rao Phule B)  
Raja Ram Mohan Roy
- C) B.R. Ambedkar D)  
Periyar **Ramaswamy**

59. The Chairman of the **State Re-organization  
Commission**

A) H. N. Khunsru

**B) Fasal Ali**

C) K. M. Panikkar

D) V. P. Menon

60. The first sitting of **Constituent Assembly of India was  
held on**

- A) 9 December 1946
- B) 26 November 1946
- C) 14 August 1947
- D) 26 January  
1950

61. The Comptroller and Auditor General of India is  
appointed by

A) Speaker of Lok Sabha

Prime Minister

B) Governor C)

D) President of  
India

62. Constitution of India **was adopted by Constituent Assembly on**

A) 26 January, 1950

B) 26 November, 1949

C) 29 August, 1947

D) 9 December,  
1946

63. Subject to the Provisions of any law made by Parliament **or any rules made under**

Article 145, which Article of the Constitution permits the Supreme Court **to review its** own judgement or order? A) Article 134 B ) Article 135  
C) Article 130 D) Article 137

64. Which Article is inserted in the Constitution of India by the Constitution (Ninety-seventh

Amendment) Act, 2011? A) Article 43 B B)

Article 39 A C) Article 338

D ) Article 361 B

65. Which of the following is not a Constitutional Body?

A) Finance Commission B) State

Public Service Commission C)

State Human Rights Commission

D) Election Commission

66. The Constitution of India **provides free and compulsory** education of all children in the

age group of six to **fourteen**

**years as a** A) Moral Right

B) Political Right C)

Fundamental Right

D) Natural Right

64

65

67. Who was the second Chairperson of National Human Rights Commission ?

A) Justice K. G.

Balakrishnan

B) Justice M. N.

Venkatachalliah C) Justice S. Rajendra Babu

D) Justice J. S. Verma

68. How many Schedules are there in the 'Right to Information Act, 2005' ?

A) 2 Schedules B) 4 Schedules C) 5 Schedules D) 3 Schedules

69. Which of the following **Committees was formed by the Government of India in the year**

1979 to study the issue of child labour and to **suggest measures to** tackle

it? A) Ravindra Verma Committee B) R. N. Malhotra Committee c)

Justice V. S. Malimath Committee D) Gurupadaswamy

Committee

70. The protection of women from Domestic Violence **Act was passed in the year**

A) 2006

B) 2009

C) 2005

D) 2008 -11

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71. Choose the suitable form of the adjective:

It is important to understand **what makes one typeface** A) legibly

B) more legible C) most legible than another. D) legible

72. Choose a suitable interpretation for the idiom 'hand and glove'.

A) very friendly B) in confusion **C) earnestly**

D) entirely

73. It was a steep

**A) descend**

into the **cave**. B) dissent **C)**

**decent**

**D) descent**

74. Find the appropriate **reported speech** for the following:

The stranger said to me, "What is your name?" The stranger asked me A)

What my name is

B) What is my name C)

What my name was

**D) What was your name**

75. The universe

**La vast** number of galaxies and  
it

**since its**

creation in the Big Bang about 13 billion years ago. A) has contained,  
expanded

**B) contains, had been**

**expanding** C) had contained, had expanded D) contains, **has been**  
**expanding**

76. Give a one word substitute for : One who is filled with **excessive and**  
**mistaken**

enthusiasm about religious **matters**.

A) Altruist

B) Atheist

C) Fanatic

D)

Fatalist

77. The old man was **overwhelmed** - grief at his son's  
death.

A) in

B) with

C) of

**D) by**

78. Choose the correct sentence from the  
following.

A) Neither of the two plans was  
approved B) Neither of the two plan was  
**approved** C) Neither of the two plans  
**were approved** D) Neither of the **two**

plans are approved

71 TB 72

73 D 74

79. Choose the word which is spelt correctly.

A) **maintanance** C)  
maintenance

B) **maintainance** D) maintainance

76 77 78 79 C

80B

80. Change the voice.

One may accomplish anything with a little effort. A)

One can accomplish anything with effort B)

With a little effort anything can be

accomplished C) One can accomplish anything

with a little effort D) With a little effort anything

is accomplished

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7 81. Which of the following is not the object of the Bharat Nirman Yojana ?

A) Connect 40% of total rural area with telecommunication and **broad band** B) Built roads to connect all remote places C) To provide drinking water to all developing **areas** D) To provide employment opportunities **to atleast one person in each family**

82. The ICDS aims at

A) Providing supplementary nutrition to

children B) Provide elementary education

C) To prevent female infanticide D) None of the

above

83. Kudumbasree Movement is launched in

**A) 1997**

B) 1998

C)  
1996

D) 1999

84. The Pradhan Manthri Adarsh Grama Yojana was initially implemented in

A) Rajasthan

B) Madhya Pradesh

**C) Karnataka**

D)  
Meghalaya

81 82 T 83 B

84 B5D 86 0

85. Sampoorna Grameen Rozgar Yojana is implemented by

A) District  
Panchayat

**B) Grama Panchayat**

C) Block Panchayat

D) All the above

88

87 LA

TA 89

90

86. Antyodaya Anna Yojana was launched on

A) 13th April  
2003

B) 15th August 2000

C) 25th December 2000

D) 25th December  
2001

87. Under VAMBAY the Dwelling Unit shall be **registered in the name of**

A) Wife

B) Husband

C) Elder Member of the Family

D) None of the above

88. Mahila Samriddhi Yojana is  
launched in

A) 1993

**B) 1994**

C)  
1995

D) 1996

89. The eligible persons under the Indira Awaas  
Yojana are

A) Freed Bonded Labourer

**B) Widows of Defense**

**Personnel C) Both A) and B)**

**D) None of the  
above**

90. NRDP is organized in

A) 1991

B) 1992

C) 1993

D) 1994

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91. One nibble is equal to

A) 2 bits

B) 4 bits

C) 8 bits

D) 16 bits

91

92

92. 'Sleep' in computers refers to

- A) Restart the computers in safe mode
- B) Restart the computers in normal mode
- C) Shutdown the computer terminating all the running applications
- D) Shutdown the computer without closing the running applications

D

93 94

95

93. To process data, computers use

- A) High Level Language C) Assembly Language
- B) Machine Language D) All the above

96 97  
98 99  
100

D

94. which one of the following is **not an operating system?**

A) Safari

B) Android

C) Macintosh

D) Linux

95. Who are the founders of Whatsapp ?

A) Brian Acton and Tim Cook

C) Brian Acton and Jan Koum

B) Brian Acton and Mark Zuckerberg D) Jan Koum and Tim Cook

96. Software that aims to gather information about a person or organization without their

knowledge, that may send such information to another entity without the consumer's consent, or that asserts control over a device without the

consumer's knowledge A) Spyware B) Firmware C) Trojan horse D) All the above

97. Section which provides punishment for sending offensive messages through

communication services A) Section 66A B) Section 66B C) Section

66C D ) Section 66D

98. IBM stands for

- A) Integrated Business Machine
- C) Indian Business Machine
- B) Internal Business Machine D) International Business Machine**

99. Computer which stores the different web pages is called

- A) Service Provider
- B) Web Browser
- C) Web Server
- D) Terminal

100. The very high speed semiconductor memory which can speed up CPU is

- A) Main Memory
- B) Cache Memory
- C) Primary Memory
- D) Secondary Memory