

# Question Papers

ExamCode: GK\_AWM\_142014

1. **Manure is an organic substances and is prepared by -**

- 1) Decomposition of Plant and Animal waste      2) Decomposition of Ammonia  
3) Adding Ammonia to carbondioxide      4) Mixing calcium with Urea

2. **The purity of ornamental gold is given by-**

- 1) Carat value      2) pH value  
3) Acidic value      4) Basic value

3. **1)  $H_2CO_3$  (Carbonic acid) is used in soft drinks or aerated drinks 2) Sodium Benzoate is not used as food perservative Which one of the following is correct.**

- 1) 1 only      2) 2 only  
3) Both 1 and 2      4) Neither 1 nor 2

4. Match the following:

List - I		List - I	
a) Water		1) $H_2SO_4$	
b) Sulphuric acid		2) $Al_2(SO_4)_3$	
c) Calcium Carbonate		3) $CaCO_3$	
d) Aluminium sulphate		4) $H_2O$	

	a	b	c	d
<input checked="" type="checkbox"/> A.	4	1	3	2
B.	1	2	3	4
C.	3	1	2	4
D.	2	1	4	3

5. **Choose the correct answer from the following The instrument used to measure the minute distance is:**

- 1) Metre scale      2) Inch tape  
3) Vernier Caliper       4) Micrometer gauge

6. **Hydrogen filled balloon flies high in air because - a) Weight of the balloon is much lesser than the weight of the air it displaces b) Weight of the balloon is greater than the weight of air it displaces c) The difference between the weights doesn't given the power to lift d) Density of air is 14 times greater than hydrogen**

- 1) a is wrong      2) b is correct  
3) c is correct       4) Both a and d is correct

7. **Assertion (A) - Electric fish generates powerful electric shocks Reason (R) - It lives in Orinoco river**

- 1) Both (A) and (R) are true and (R) is the correct explanation of (A)       2) Both (A) and (R) are true and (R) is not the correct explanation of (A)  
3) (A) is true but (R) is false      4) (A) is false but (R) is true

8. The listener is at rest with respect to the sources of sound. A wind starts blowing along the line joining the source and the observer which of the following quantities do not change.

- 1) Frequency and wave Length  
 2) Velocity and Time period  
 3) Velocity and wave length  
 4) Frequency and Time period

9. The circulation of blood from right ventricle to the left atrium through the lung is termed as -

- 1) Systemic circulation  
 2) Portal circulation  
 3) Pulmonary circulation  
 4) Double circulation

10. In human, fertilization of the ovum occurs in the-

- 1) Ampulla of fallopian tube  
 2) Vagina  
 3) Uterus  
 4) Ovary

11. Consider the following statement: Assertion (A) : Hydrogen is the source of power for future Reason (R) : Hydrogen as a fuel does not cause pollution and has the highest mass energy content. Now select your answer according to the coding scheme given below

- 1) Both A and R are true and R is the correct explanation of A  
 2) Both A and R are true but R is not the correct explanation of A  
 3) A is wrong but R is correct  
 4) A is true and R is wrong

12. Match Vitamin Deficiency diseases.

a) Vitamin B1	1) Pernicious anaemia
b) Vitamin B5	2) Fat metabolism
c) Vitamin B12	3) Pellagra
d) Vitamin B6	4) Beri beri
	a    b    c    d
A.	4    1    3    2
B.	4    3    1    2
C.	4    2    1    3
D.	2    1    3    4

13. Example for product of green chemistry is:

- 1) Plastic  
 2) Paper  
 3) Bio Plastics  
 4) Halogen flame retardants

14. The process of changing the form in order to carryout a specialized function is called-

- 1) Differentiation  
 2) Growth  
 3) Cell division  
 4) Cell elongation

15. Pick out the correct statement from the following -

- 1) Plants obtain nutrients from non-living matter they are called parasites  
 2) Special roots of parasitic plants are called host  
 3) The plant Monotropa has mycorrhizal roots  
 4) The plants synthesize their own food by respiration

16. **When was the Reserve Bank of India established?**  
1) 1947  
2) 1969  
3) 1980  
4) 1935
17. **Choose the correct answer: Which was the plan that began with the slogan of removal of poverty?**  
1) Second Five year plan  
2) Third five year plan  
3) Fourth five year plan  
4) Fifth five year plan
18. **Consider the following: Assertion (A) : Former soviet Russia gifted planning to the world Reason (R) : For it was the first country to practice successfully economic planning on a national seals Select your answer according to the coding scheme-**  
1) Both (A) and (R) are true and (R) is not the reason for (A)  
2) (A) is true and (R) is not the reason for (A)  
3) Both (A) and (R) is true and (R) is reason for (A)  
4) Both (A) and (R) are false
19. **Under which five year plan the "Food for work Programme" was linked to NREP?**  
1) Third  
2) Fourth  
3) Fifth  
4) Sixth
20. **Human Resource development is related with -**  
1) Agriculture and Allied sectors  
2) Trade and commerce  
3) Education and Training  
4) Banking and Finance
21. **Which of the following is not found in under developed countries?**  
1) Underutilisation of natural resources  
2) Population Pressure  
3) Low level of capital formation  
4) Non depending on foreign trade
22. **Census of India has been taking once in every \_\_\_\_\_ years.**  
1) 5 years  
2) 7 years  
3) 10 years  
4) 2 years
23. **In which year the Human poverty Index was introduced?**  
1) 1994  
2) 1996  
3) 1997  
4) 1995
24. **Which of the following statement is correct? The preamble of the Indian constitution reads as follows: India is a I) Sovereign, Socialist, Secular, Democratic, Republic II) Socialist, Sovereign, Democratic, Secular, Republic III) Sovereign, Secular, Socialist, Democratic, Republic IV) Republic, Sovereign, Socialist, Secular, Democratic**  
1) I  
2) II  
3) III  
4) IV
25. **The customers are exploited by-**  
1) Carpenters  
2) Farmers  
3) Tailors  
4) Traders

26. The 42nd constitutional arrangement came into effect from:

- 1) 1947  
 2) 1976  
 3) 1967  
 4) 1950

27. Consider the following statement : Assertion (A) : High court of Tamil nadu situated in Chennai Reason (R): Branch of Chennai high court started at Madurai on 2004 Select your answer according to the coding scheme given below:

- 1) A and R both are correct  
 2) A and R both are false  
 3) A is false but R is true  
 4) A is true but R is false

28. Match the following:

a) Adults to vote	1) 35 years
b) President	2) 18 years
c) Village panchayat members	3) 30 years
d) Rajyasabha members	4) 21 years

	a	b	c	d
A.	4	3	2	1
B.	1	2	3	4
C.	3	4	1	2
D.	2	1	4	3

29. Consider the following statement : I. The panchayat Raj was inaugurated on October 2nd 1959 by pandit Jawaharlal Nehru II. The states of Tamil Nadu and Kerala were the first to introduce the panchayat Raj institutions Which one is/are correct?

- 1) I only  
 2) II only  
 3) Both I and II  
 4) Neither I nor II

30. Which one of the following electors participate in government indirectly?

- 1) Direct Democracy  
 2) Monarchy  
 3) Oligarchy  
 4) Representative democracy

31. Match List I with List II correctly and select your answer using the codes given below:

List- I	List- II
a) Upper house of India	1) House of Lords
b) Upper house of USA	2) Rajya Sabha
c) Upper house of UK	3) Senate

	a	b	c
A.	3	1	2
B.	2	3	1
C.	2	1	3
D.	1	2	3

32. Match List I with List II correctly and select your answer using the codes given below:

List - I	List - II
a) The National Population Policy	1) 1938
b) The New Industrial Policy	2) July 2000
c) New Agricultural Policy	3) February 2000
d) National planning Committee	4) 1991

	a	b	c	d
A.	3	4	2	1
B.	2	4	3	1
C.	4	2	3	1
D.	3	4	1	2

33. **Avvai home is associated with-**  
 1) Home for the destitutes and widows  
 3) Home for the Unemployed girls

- 2) Orphanage for girls  
 4) None of these

34. Which of the following statements is/are correct? The Directive principles of state policy direct the government to - I) Secure all its citizens an adequate means of livelihood II) Make all material resources beneficial to the common good III) prevent concentration of wealth IV) To defend our country even at the cost of our life Of these-

- 1) I, II, III are correct  
 3) I, II are correct

- 2) II, III, IV are correct  
 4) II, IV are correct

35. Match List I with List II and select the correct answer using the codes given below:

List - I	List - II
a) Loksabha Election	1) 30
b) Raja sabha Election	2) 25
c) Voting age	3) 21
d) Local body election	4) 18

	a	b	c	d
A.	1	2	3	4
B.	3	4	2	1
<input checked="" type="checkbox"/> C.	2	1	4	3
D.	4	3	1	2

36. **Life Insurance corporation of India (L.I.C) firm was introduced by-**

- 1) Ashok chen  
 3) Feroze Gandhi

- 2) T.T Krishnamachari  
 4) Haridas Mundhra

37. Consider the following statement: Assertion (A): The Justice party officially known as south Indian Liberal Federation was a political party in the Madras presidency of British India. Reason (R): This party published its political demands in "Dravidan" in Tamil and "Justice" in English news papers.

- 1) Both (A) and (R) are true, and (R) is the correct explanation of (A)  
 3) (A) is true, but (R) is false

- 2) Both (A) and (R) are true, but (R) is not the correct explanation of (A)  
 4) (A) is false, but (R) is true

38. First general election conducted in India in-

- 1) 1948  
2) 1952  
3) 1954  
4) 1956

39. Consider the following statements: Assertion (A) : Kamarajar Served as the chief minister of Tamil nadu for nine years and introduced various welfare measures Reason (R) : He played a significant role in the national politics and was called as "King maker"

- 1) Both (A) and (R) are true and (R) is the correct explanation of (A)  
2) Both (A) and (R) are true but (R) is not the correct explanation of (A)  
3) (A) is true, but (R) is false  
4) (A) is false, but (R) is true

40. Arrange the following events in a chronological order- I) Battle of Khanva II) Second battle of panipat III) Battle of Bilgram IV) Battle of chausa

- 1) 2, 4, 1, 3  
2) 3, 1, 4, 2  
3) 1, 4, 3, 2  
4) 4, 2, 1, 3

41. Match List I with List II correctly and select your answer using the codes given below:

List - I	List - II
a) Nagananda	1) Bana
b) Harsha Charita	2) Harsha
c) Aihole inscription	3) Head of the Nalanda University
d) Dharmabala	4) Ravikirti

	a	b	c	d
A.	3	2	1	4
B.	2	1	4	3
C.	4	2	1	3
D.	2	4	1	3

42. Name the most important inscription which helps to know about Samudra Gupta.

- 1) Mehrauli Iron Pillar inscription  
2) Allahabad Pillar inscription  
3) Aihole inscription  
4) Kudimianmalai inscription

43. Consider the statement: Assertion (A) : Deva dasi system was abolished in Madras presidency in the year 1939 Reason (R): E.V Ramasamy popularly called as "Periyar" by women folk in women conference held in Madras

- 1) Both (A) and (R) are true and (R) is the correct explanation of (A)  
2) Both (A) and (R) are true but (R) is not the correct explanation of (A)  
3) (A) is true, but (R) is false  
4) (A) is false, but (R) is true

44.

List - I (Title)	List - II (Associated with the production)
a) White Revolution	1) Eggs and Poultry
b) Golden Revolution	2) Oil seeds
c) Yellow Revolution	3) Milk and Milk products
d) Grey Revolution	4) Horticulture

	a	b	c	d
A.	3	2	4	1
<del>B.</del>	3	4	2	1
C.	2	4	3	1
D.	3	4	1	2

45.

List - I	List - II
a) Primary Industries	1) Research
b) Secondary Industries	2) Transport
c) Tertiary Industries	3) Manufacturing
d) Quaternary Industries	4) Hunting

	a	b	c	d
<del>A.</del>	4	3	2	1
B.	1	2	3	4
C.	2	3	4	1
D.	3	4	1	2

46. World's Largest wind farm is found in which of the following state of India.

- 1) Gujarat  
2) Karnataka  
3) Maharashtra  
~~4) Tamil nadu~~

47. Choose the correct answer: which is called the southern Ocean?

- 1) Pacific Ocean  
2) Atlantic Ocean  
3) Indian Ocean  
~~4) Antarctic Ocean~~

48. Consider the following statements and which is correct? I) Only ozone effectively absorbs the most energetic ultra violet light which causes biological damage II) Only ozone effectively absorbs the most energetic infrared light which causes biological damage Which of the statements given above is/are correct?

- ~~1) I only~~  
2) II only  
3) Both I and II  
4) Neither I nor II

49. Which of the following land form feature is not formed by River? I) Delta II) Canyous III) Oxbow lake (Horse shee) IV) Polje Select the correct answer using the code

- ~~1) IV only~~  
2) I and II  
3) I, II and III  
4) I, II, III and IV

50. Which one of the following is correctly matched?

- 1) Jallian Wala Bagh Massacre - 1923  
2) Swaraj Party - 1919  
3) Dandi March - 1942  
~~4) Gandhi - Irwin Pact - 1931~~

51. Which one of the following is incorrectly matched?

1) A comparative grammar of the Dravidian or South Indian family of languages - Robert Caldwell

2) The Tamils 1800 years ago - Bharathiyar

3) Swadeshmitran -G.Subramania Iyer

4) Kudi Arasu - Periyar

52. "Ghadar Party" was set up by \_\_\_\_\_.

1) Ajit Singh

2) Savarkar

3) Shyamji Krishna Varma

4) Lala Hardyal

53. The Indian National Congress first session was held in \_\_\_\_\_.

1) 1886

2) 1885

3) 1882

4) 1881

54. Which one of the following is correctly matched?

1) Madras Native Association - Dr. Muthulakshmi Reddy

2) Hero of Vaikom- T.M. Nair

3) Devadasi System - Periyar

4) Veera Tamilannai - Dr. S. Dharmambal

55. Arrange the following period in chronological order I. Indian National Congress II. Muslim League III. Lucknow pact IV. Surat split

1) I, II, III and IV

2) IV, II, I and III

3) IV, III, I and II

4) I, II, IV and III

56. The capacity of a rectangular box is equal to the capacity of a cubic box. If the length, breadth and height of the rectangular box are respectively 16 cm, 4 cm and 1 cm, then the length of a side of the cubic is equal to-

1) 10 cm

2) 8 cm

3) 6 cm

4) 4 cm

57. If  $1^3+2^3+3^3+\dots+n^3 = 36100$  then  $1+2+3+\dots+n$  is equal to-

1) 290

2) 190

3) 390

4) 490

58. The next number in the series 1, 6, 13, 22, 33, \_\_\_\_\_.

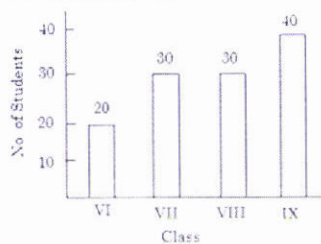
1) 44

2) 46

3) 48

4) 49

59. The ratio of the number of students in the class VII to class IX is:



A. 2:3

B. 1:1

C. 3:4

D. 1:2



60. From the following table, find the number of students who have scored marks between 20 and 50.

Marks	No. of Students
10-19	10
20-30	7
31-40	13
41-50	18
51-60	12
61-100	24

- A. 20  
 B. 31  
 C. 30  
 D. 38

61. Consider the marks scored by 25 students:

45	65	60	35	35	60	65	45	45
65	60	35	60	45	45	60	65	35
35	60	65	35	35	60	65	.	.

Which one of the following tables represents the above data?

A.	Marks	Frequency	C.	Marks	Frequency
	35	5		35	7
	45	5		45	5
	60	7		60	5
B.	Marks	Frequency	D.	Marks	Frequency
	35	7		35	3
	45	5		45	7
	60	7		60	5
	65	5		65	5

- 62.

2	4	6	8	7
3	15	35	63	x

Then x is equal to-

- A. 51  
 B. 48  
 C. 59  
 D. 58

63. The next alphabet in the following sequence A D H M \_\_\_ is:

- 1) S                      2) T  
 3) L                      4) P

64. If  $\alpha + \beta = 12$ ,  $\alpha - \beta = 2\sqrt{3}$ . Find the value of  $\alpha\beta$  is:

- 1) 33                      2) 36  
 3) 30                      4) 26

65.

If  $\frac{x}{y} = \frac{3}{4}$  then the value of

$\frac{6}{7} + \left(\frac{y-x}{y+x}\right)$  equals to -

A. 3

B. 2

 C. 1

D. 5

66.

$$\left[5 - 2(4 - 5)^{-1}\right]^2 =$$

A. 7

 B. 49

C. 8

D. 64

67. The difference between the compound interest and the simple interest on a certain sum at 10% per annum for 2 years is Rs. 52. The principal amount is:

 1) Rs. 5200

2) Rs. 2500

3) Rs. 5000

4) Rs. 5100

68.

The rate at which a sum doubles in 7 years at simple interest is:

 A.  $14\frac{2}{7}\%$ 

B. 15%

C.  $16\frac{1}{9}\%$ D.  $11\frac{1}{9}\%$ 

69. The sum of all 3 digit numbers which are divisible by 8 is:

 1) 61376

2) 63176

3) 67136

4) 66137

70. A and B can do a piece of work in 12 days; B and C in 15 days; C and A in 20 days. All the three together will complete the work in:

- 1) 15 days
- 2) 5 days
- 3) 10 days
- 4) 12 days

71. Divide Rs. 2600 among A, B, C in the ratio  $1/2 : 1/3 : 1/4$ -

- 1) Rs. 1200, Rs. 600, Rs. 800
- 2) Rs. 800, Rs. 1200, Rs. 600
- 3) Rs. 600, Rs. 800, Rs. 1200
- 4) Rs. 1200, Rs. 800, Rs. 600

72. A, B, C play cricket. The runs scored by A and B, B and C are in the same ratio 3:2. If A, B, C together scored 342 runs, then the runs scored by A, B, C respectively are-

- 1) 162, 108, 72
- 2) 192, 90, 60
- 3) 162, 72, 108
- 4) 160, 108, 74

73. Next diagram in the sequence.

A.		C.	
B.		D.	

74. Which of the following four figures when placed at the vacant part shall complete the figure?

A.		C.	
B.		D.	

75.

The Value of x is:		
<input checked="" type="radio"/> A.	108	
<input type="radio"/> B.	102	
<input type="radio"/> C.	49	
<input type="radio"/> D.	64	

76.

<table border="1"> <tr> <td>2</td> <td>13</td> <td>3</td> </tr> <tr> <td>6</td> <td>40</td> <td>2</td> </tr> <tr> <td>5</td> <td>61</td> <td>x</td> </tr> </table>	2	13	3	6	40	2	5	61	x
2	13	3							
6	40	2							
5	61	x							
x is equal to									
<input type="radio"/> A.	4								
<input type="radio"/> B.	7								
<input checked="" type="radio"/> C.	6								
<input type="radio"/> D.	3								

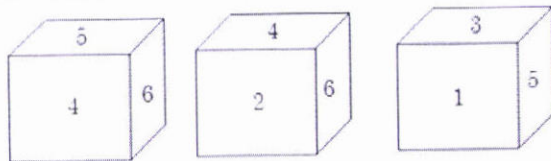
77. Which letters will come in the order AGI, BHJ, CIK, DJL?

- |   |        |
|---|--------|
| 1) EME                                  | 2) EKN |
| <input checked="" type="radio"/> 3) EKM | 4) ELM |

78. The product of HCF and LCM of two expressions is equal to the-

- |  |                  |
|--|------------------|
| 1) Sum of two expressions                                      | 2) Square of HCF |
| <input checked="" type="radio"/> 3) Product of two expressions | 4) Square of LCM |

79. In a die given below, the number opposite to the number 2 is \_\_\_\_\_.



- |                                     |   |
|-------------------------------------|---|
| <input type="radio"/> A.            | 6 |
| <input checked="" type="radio"/> B. | 5 |
| <input type="radio"/> C.            | 4 |
| <input type="radio"/> D.            | 3 |

80. If DMDQFX denotes the word ENERGY, then the word POWER is denoted by-

- 1) ONVER
- 3) ONUDQ

- 2) OMUFQ
- 4) ONVDQ

81. Choose the incorrect pair.

- 1) Alyz Henrich - Miss Earth 2013
- 3) Pope Francis - Person of the year 2013

- 2) Tyler Armstrong - Mountaineering
- 4) Lina - ITF Award 2013

82. Ustad Amjad Alikhan is chosen for which award?

- 1) 21st Booker prize

- 2) 21st Rajiv Gandhi National Sadbhavana Award

- 3) Nobel prize

- 4) Saraswathi Samman Award

83. Arrange in descending order of the biosphere reserves based on the geographical area?

- 1) Kachch - Gulf of Mannar - Sunderbans - Cold Desert

- 2) Gulf of Mannar - Kachch - Sunderbans - Cold Desert

- 3) Kachch - Gulf of Mannar - Cold Desert - Sunderbans

- 4) Gulf of Mannar - Kachch - Cold Desert - Sunderbans

84. Find out the incorrect pairs.

- 1) Whitney Houston - Music
- 3) Auguste Rodin - Sculpture

- 2) Paul Cezanne - Painting
- 4) Rudolph Dirks - Dance

85. Who is NOT recipient of Sahitya Academic Award of 2013?

- 1) R.N. Joe
- 3) Mridula Garg

- 2) Bijoy Misra
- 4) Sudha Raghunadhan

86. "Haiyan" is a-

- 1) Satellite
- 3) Music Instrument

- 2) Name of Typhoon
- 4) Island

87. Miss Earth 2013 is held at-

- 1) Versailles palace
- 3) Tokyo

- 2) Peking
- 4) Rome

88. Which of the following statement is NOT true?

- 1) There are six official working languages recognised by the U.N.O
- 2) The U.N emblem was adopted on October 20, 1947

- 3) The number of U.N security council member is 15
- 4) The universal declaration of human rights was adopted and proclaimed by the U.N. on December 10th 1950

89. The book "Chronicles of Corpse Bearer" is written by-

- 1) Naresh Goyal
- 3) C. Rangarajan

- 2) Cyrus Mistry
- 4) Amartya sen

90. The name of Finland's parliament is:

- 1) Parliament
- 3) National Congress

- 2) House of Representatives
- 4) Riksdag

91. The largest single location solar project in the world to be developed in-

- 1) Germany
- 2) India

- 2) California
- 4) Uzbekistan

92. Match the following

Institution	Headquarters
a) NATO	1) Geneva
b) OPEC	2) Belgium
c) UNESCO	3) Vienna
d) WHO	4) France

	a	b	c	d
<input checked="" type="radio"/> A.	2	3	4	1
B.	3	4	2	1
C.	4	1	2	3
D.	3	1	4	2

93. Match the following

Old Names	New Names
a) Constantinople	1) Taiwan
b) Formosa	2) Ethiopia
c) Holland	3) Istanbul
d) Abyssinia	4) The Netherlands

	a	b	c	d
<input checked="" type="radio"/> A.	3	1	4	2
B.	4	1	2	3
C.	2	1	4	3
D.	2	4	1	3

94. Sahitya Academy Awards 2013 winner for Tamil Novel was:

- 1) Mridula Garg
- 2) R.N. Joe D. Cruz

- 2) Mr. Man Mohan
- 4) Kavingar Vairamuthu

95. Which one of the following country has NOT multi-party system?

- 1) India
- 2) China

- 2) Japan
- 4) France

96. The author of the book "The Luminaries" is:

- 1) Eleanor Catton
- 3) Aruna Roy

- 2) Arundhati Roy
- 4) M.C. Misra

97. Who among the following is the Governor of Reserve Bank of India?

- 1) Rajaram
- 3) Ranganathan

- 2) Raghuram Rajan
- 4) Raghuram Rajanathan

98. Location of chapparastique volcano is in-

- 1) El. salvador
- 3) Estonia

- 2) East. Timor
- 4) Equatorial Guinea

99. Telecommunication study demonstrated the use of graphene as I. Speeding internet by hundred times  
II. A monomer III. Switching speed around trillionth to 100 femto second IV. An antioxidant

1) I only

2) I and III only

2) II only

4) III and IV only

100. Who among the following won miss universe for the year 2013?

1) Manasi Moghe

2) Gabriela Isler

2) Constanza Baez

4) Patrica Yereña Rodríguez