

CDS 2 2017 QUESTION PAPER GK

1) A person is standing on a frictionless horizontal ground. How can he move by a certain distance on this ground?

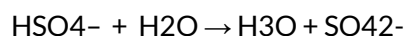
(a) **By sneezing**

(b) By jumping

(c) By running

(d) By rolling

2) In the reaction between hydrogen sulphate ion and water



the water acts as

(a) an acid

(b) **a base**

(c) a salt

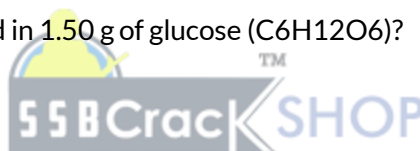
(d) an inert medium

3) How many hydrogen atoms are contained in 1.50 g of glucose ($\text{C}_6\text{H}_{12}\text{O}_6$)?

(a) 3.01×10^{22}

(b) 1.20×10^{23}

(c) 2.40×10^{23}



4) The paste of a white material in water is used to maintain a fractured bone fixed in place. The white material used is called.

(a) bleaching powder

(b) **plaster of Paris**

(c) powder of zinc oxide

(d) lime powder

5) Which one of the following types of glasses is used for making optical instruments?

(a) Pyrex glass

(b) Soft glass

(c) **Hard glass**

(d) Flint glass

6) Most ozone gas (about 90%) is located in the atmospheric layer of

- (a) ionosphere
- (b) troposphere
- (c) stratosphere**
- (d) mesosphere

7) What are the main constituents of biogas?

- (a) Methane and sulphur dioxide
- (b) Methane and carbon dioxide**
- (c) Methane , hydrogen and nitric oxide
- (d) Methane and nitric oxide

8) In which two Indian States of the four mentioned below, it is necessary to hold certain minimum educational qualifications to be eligible to contest Panchayat Elections?

1. Punjab
2. Haryana
3. Karnakata
4. Rajastahan



Select the correct answer using the code given below.

- (a) 1 and 2
- (b) 2 and 4**
- (c) 2 and 3
- (d) 1 and 4

9) Which of the following statements about 'delegation' is/are correct?

1. It is the abdication of responsibility.
2. It means conferring of specified authority by a lower authority to a higher one.
3. It is subject to supervision and review.
4. It is a method of dividing authority in the organization.

Select the correct answer using the code given below.

- (a) 3 only
- (b) 2 and 4 only**

(c) 3 and 4

(d) 1, 2 and 4

10) Which of the following features were borrowed by the Constitution of India from the British Constitution?

1. Rule of Law

2. Law making Procedure

3. Independence of Judiciary

4. Parliamentary

Select the correct answer using the code given below

(a) 1 and 2 only

(b) 2, 3 and 4

(c) 1 and 4 only

(d) 1, 2 and 4

11) Which one of the following Schedules of the Constitution of India has fixed the number of Members of the Rajya Sabha to be elected from each State?

(a) Fifth Schedule

(b) Third Schedule

(c) Sixth Schedule

(d) Fourth Schedule



12) Which one of the following statements about various horticulture crops of India for the year 2016 - 17 is not correct?

(a) The area under horticulture crops has increased over previous year

(b) Fruit production during the current year is higher than the previous year

(c) Rate of increase in onion production is more than potato production in the current year in comparison to the previous year

(d) The major tomato-growing States are Madhya Pradesh, Andhra Pradesh, Karnataka, Odisha and Gujarat.

13) The phenomenon of 'demographic dividend' of a country relates to

(a) a sharp decline in total population

(b) an increase in working age population

- (c) a decline in infant mortality rate
- (d) an increase in sex ratio

14) Arrange the following events in sequential order as they happened in India :

1. Mahalanobis Model
2. Plan Holiday
3. Rolling Plan

Select the correct answer using the code given below.

- (a) 1, 2, 3**
- (b) 3, 2, 1
- (c) 2, 3, 1
- (d) 1, 3, 2

15) The monetary policy in India uses which of the following tools?

1. Bank rate
2. Open market operations
3. Public debt
4. Public revenue



Select the correct answer using the code given below

- (a) 1 and 2 only**
- (b) 2 and 3 only
- (c) 1 and 4 only
- (d) 1, 2, 3 and 4

16) Devaluation of currency will be more beneficial if prices of

- (a) domestic goods remain constant
- (b) exports become cheaper to importers**
- (c) imports remain constant
- (d) exports rise proportionality

Directions :

The following five (5) items consist of two statements , Statement 1 and Statement II , Examine these two statements carefully and select the correct answer using the code given below.

Code :

- a) Both the statements are individually true and Statement II is the correct explanation of Statement I.
- b) Both the statements are individually true but Statement II is not the correct explanation of Statement I
- c) Statement I is true but Statement II is false
- d) Statement I is false but Statement II is true.

17) Statement I :

Skin cancer is generally caused by the ultraviolet radiation.

Statement II :

Stratosphere allows ultraviolet radiation to enter the earth from the sun.

Answer B

b) Both the statements are individually true but Statement II is not the correct explanation of Statement I



18) Statement I :

The interior part of Maharashtra does not receive adequate rain in the summer season.

Statement II :

The interior part of Maharashtra lies in the rain shadow of the Western Ghats.

Answer A: Both the statements are individually true and Statement II is the correct explanation of Statement I.

19) Statement I :

Global warming signifies the rise in global surface temperature.

Statement II :

The increase of concentration of greenhouse gases in the atmosphere causes the rise in global surface temperature.

Answer A: Both the statements are individually true and Statement II is the correct explanation of Statement I.

20) Statement I :

The Communists left the All India Trade Union Congress in 1931.

Statement II :

By 1928, the Communists were no longer working with the mainstream national movement.

21) Statement I :

The early Aryans, who were essentially pastoral, did not develop any political structure which could measure up to a State in either ancient or modern sense.

Statement II :

Kingship was the same as tribal chief ship; the term Rajan being used for tribal chief who was primarily a military leader and who ruled over his people and not over any specified area.

Answer A: Both the statements are individually true and Statement II is the correct explanation of Statement I.

22) Which one of the following peasant struggles was an outcome of British opium policy ?

- (a) Phulaguri Dhawa [1861]
- (b) Birsaite Ulgulan [1899- 1900]
- (c) Pabna Revolt [1873]
- (d) Maratha Peasant Uprising [1875]

23) Which one of the following statements about the Sayyid brothers during the period of Later Mughals is not true ?

- (a) They brought Jahandar Shah to power
- (b) They wielded administrative power.
- (c) They followed a tolerant religious policy.
- (d) They reached an agreement with King Shahu.

24) Which of the following statements with regard to the heterodox sect between sixth and fourth century BC are correct ?

1. The jain ideals were already being circulated in the seventh century BC by Parshava.
2. Although Buddhism, and to a lesser extent Jainism, took account of the changes in material life and reacted against orthodoxy, neither of these sought to abolish the caste system.
3. The first female disciple of Mahavira is said to have been a captured slave woman.
4. Buddha held that nuns could attain spiritual liberation just like a monk and granted them an equal status in the mendicant order.

Select the correct answer using the code given below :

- (a) 1, 2, 3, and 4
- (b) 1, 2 and 3 only

- (c) 1, 2 and 4 only
- (d) 3 and 4 only

25) Which one of the following combinations of year and event concerning the French Revolution is correctly matched ?

- (a) 1789 : Napoleonic Code
- (b) 1791 : Tennis Court Oath
- (c) 1792 : National Convention**
- (d) 1804 : New Constitution of France.

26) Who among the following is the author of the book, The Social Contract ?

- (a) Voltaire
- (b) Hobbes
- (c) Locke
- (d) Rousseau**

27) Who among the following is the recipient of the Jnanpith Award, 2016 ?

- (a) Shankha Ghosh**
- (b) Raghuv eer Chaudhari
- (c) Pratibha Ray
- (d) Rehman Rahi



28) The Sustainable Development Goals [SDFs], which were adapted by the UNO in place of the Millennium Development Goals [MGDs] 2015, aim to achieve the 17 goals by the year.

- (a) 2020
- (b) 2030**
- (c) 2040
- (d) 2050

29) Teejan Bai, a recipient of the M.S. Subbulakshmi Centenary Award, 2016, is an exponent in

- (a) Kannanda classical vocal
- (b) Kajari dance
- (c) Bihu dance

(d) Pandavani, a traditional performing art.

30) Who among the following is the recipient of the Dadasaheb Phalke Award, 2016 ?

- (a) Nana Patekar
- (b) Manoj Kumar
- (c) Javed Akhtar
- (d) K.Viswanath**

31) Which one of the following statements about the all India Services is correct ?

- (a) The All India Services may be created by an Act of the Parliament.**
- (b) The endorsement of the Rajya Sabha is not essential for the creation of the All India Services.
- (c) The rules of recruitment to the All India Services are determined by the UPSC.
- (d) The conditions of service to the All India Services may be altered by the UPSC.

32) Which one of the following statements about emergency provisions under the Constitution of India is not correct ?

- (a) The powers of the Union Executive extend to giving directions to the States concerning the exercise of their powers.
- (b) The Union Executive can issue a provision relating to reduction of salaries of employees of the state Governments.
- (c) Governors have no emergency powers like the President of India.
- (d) If the Governor of a State is satisfied that a situation has arisen whereby the financial stability or credit of the State is threatened, he may declare financial emergency in the State.**

33) The National Handloom Day is observed on

- (a) 7th June
- (b) 17th July
- (c) 7th August**
- (d) 17th September

34) Venus, the first environment research satellite, was launched in August 2017 by which one of the following countries ?

- (a) India
- (b) Russia

- (c) China
- (d) Israel**

35) Which one of the following was the theme of the World Environment Day, 2017 ?

- (a) Green Economy : Does it include you ?
- (b) Connecting people to Nature**
- (c) Think, Eat, save
- (d) Many Species, One Planet, One Future.

36) The all-women expedition of Indian Navy to circumnavigate the globe on the sailing vessel, INSC Tarini, is scheduled to have four stopovers. Which one of the following is not one of them?

- (a) Fremantle
- (b) Lyttelton
- (c) Port Stanley
- (d) Durban**

37) Why was constitutional amendment needed for introducing GST ?

- (a) States were not willing to agree with the Union for introduction of GST without amendment in the Constitution.
- (b) GST was to be implemented on concurrent base and Article 246 was inadequate for such a case.**
- (c) The Empowered Committee of Finance ministers had recommended for constitutional amendment.
- (d) The GST Council had recommended for constitutional amendment so that its power enhances.

38) Where is the world's first Partition Museum inaugurated recently ?

- (a) New Delhi
- (b) Lahore
- (c) Amritsar**
- (d) Islamabad

39) The Setu Bharatam programme of the Government of India is a programme for

- (a) building bridges across major rivers for transport of goods
- (b) buildings bridges for safe and seamless travel on national highways**
- (c) building roads to connect coastal areas

(d) training of highway engineers at the entry level and service level

40) Which one of the following statements about the Global Environment Facility Grant Agreement, signed by India in August 2017 with the World Bank for 'Ecosystems Service Improvement Project', is not correct ?

(a) The size of the project is about USD 25 million.

(b) The duration of the project is 15 years

(c) The project will entirely be financed by the World Bank out of its GEF Trust Fund.

(d) The Ministry of Environment, Forest and Climate Change will implement the project.

41) UBI, as an alternative for substance in poverty alleviation, stands for

(a) Union Basic Income

(b) Undefined Basic Income

(c) Unconditional Basic Income

(d) Universal Basic Income

42) Which one of the following authorities has recently launched the mobile apps 'MyFASTag' and FASTag Partner' ?

(a) Telecom Regulatory Authority

(b) National Highways Authority

(c) Airports Economic Regulatory Authority

(d) National Disaster Management Authority

43) 'Pragati scholarship scheme of the Government of India is meant for

(a) higher education of girls

(b) technical education of girls

(c) secondary education of girls

(d) elementary education of girls

44) Which one of the following is not a feature of the Saansad Adaesh Gram Yojana [SAGY] ?

(a) It focuses on community participation

(b) It is to be guided by a Member of the Parliament

(c) It aims at creating infrastructure for the village.



(d) A Village Development Plan would be prepared for every identified Gram Panchayat.

45) Which one of the following is not included in the National Air Quality Index ?

- (a) Sulphur
- (b) Nitrogen dioxide
- (c) Lead
- (d) Methane**

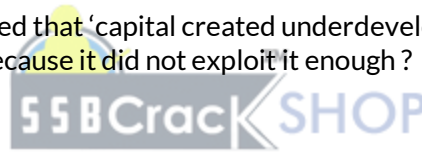
46) Which twelfth century Sanskrit scholar was first responsible for the compilation of 'Nibandhas' or digests of epic and Puranic texts ?

- (a) Harsha**
- (b) Govindachandra
- (c) Lakshmidhara
- (d) Kalidasa

Source:

47) Who among the following scholars argued that 'capital created underdevelopment not because it exploited the underdeveloped world, but because it did not exploit it enough ?

- (a) Bill Warren
- (b) Paul Baran
- (c) Geoffrey Kay**
- (d) Lenin



48) Which river is praised in the fifth century Tamil epic, Silappadikaram ?

- (a) Cauvery**
- (b) Godavari
- (c) Saraswati
- (d) Ganges

49) Which one of the following statements about the Harappan Culture is not correct ?

- (a) It witnessed the first cities in the subcontinent.
- (b) It marks the first use of script, written from right to left.
- (c) it marks the earliest known use of iron as a medium for the art of sculpting.**
- (d) It marks the earliest known use of stone as a medium for the art of sculpting.

50) Harshacharita has references to various presents sent by a ruler named Bhaskara to Harshavardhana. Bhaskara belonged to

- (a) Haryanka Dynasty of magadha
- (b) Varman Dynasty of Assam**
- (c) Nanda Dynasty of North India
- (d) None of the above

51) Which of the following lakes is/are situated in Ladakh ?

- 1. Tso Kar
- 2. Pangong Tso
- 3. Tsomgo
- 4. Tso Moriri

Select the correct answer using the code given below.

- (a) 1 only
- (b) 2 and 3
- (c) 1, 2 and 4**
- (d) 2 and 4 only



52) 'Tuvalu' has become a point of discussion recently. Why ?

- (a) potato plant that could grow in high altitude.
- (b) Place in equatorial Africa, where snow is found
- (c) New innovative technology to meet global warming
- (d) A country under threat of submergence due to ice melting and sea level rise.**

53) Which of the following statements related to latitude are true ?

- 1. Rainfall, temperature and vegetation vary with latitude.
- 2. The difference between the longest day and the shortest day increases with latitude.
- 3. Indira Point is located approximately at 6°45'N latitude.

Select the correct answer using the code given below.

- (a) 1 and 2 only
- (b) 1 and 3 only
- (c) 2 and 3 only

(d) 1, 2 and 3

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

List - I

[Lake]

1. Bhimtal
2. Ashtamudi
3. Gohna
4. Lonar

List - II

[Type of Lake]

1. Lagoon
2. Landslide
3. Tectonic
4. Crater

Code :

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



55) Which of the following statements is/are correct ?

1. Himalayan rivers have their origin in the snow-covered areas, hence are dry in winter season.
2. Rivers of the Peninsular Plateau have reached maturity.
3. Himalayan rivers depict all the three stages of normal cycle of erosion.

Select the correct answer using the code given below.

- (a) 2 only
- (b) 1 and 3 only
- (c) 2 and 3 only**
- (d) 1, 2 and 3

56) match List - I with List - II and select the correct answer using the code given below the Lists :

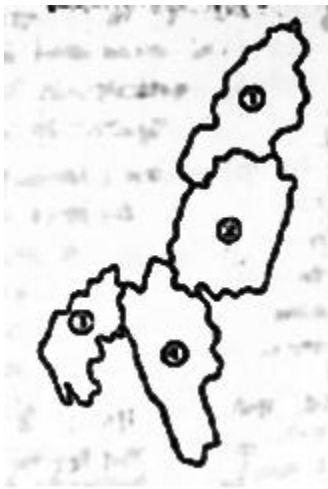
Lists - I

[States of NE India]

1. Tripura
2. Mizoram
3. Nagaland
4. Manipur

List - II

[Location in Map]



Code :

- | A | B | C | D | |
|-----|---|---|---|---|
| (a) | 2 | 1 | 4 | 3 |
| (b) | 2 | 4 | 1 | 3 |
| (c) | 3 | 1 | 4 | 2 |
| (d) | 3 | 4 | 1 | 2 |

57) Which one of the following statements regarding Uniform Civil Code as provided under Article 44 of the Constitution of India is not correct ?

- (a) It is Fundamental Right of every Indian citizen.
- (b) The State shall endeavour to secure it for citizens throughout the territory of India.
- (c) It is not enforceable by any Court.

(d) It is not enforceable by a Court yet the Constitution requires that as a principle it should be fundamental in the governance of our country.

58) Which of the following was/were founded by Raja Ram Mohan Roy ?

1. Atmiya Sabha
2. Brahmo Samaj
3. Prarthana Samaj
4. Arya Samaj

Select the correct answer using the code given below.

- (a) 1, 2 and 3
(b) 2 only
(c) 1 and 2 only
(d) 1, 3 and 4

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

Lists - I

[Harappan Site]

1. Dholavira
2. Rakhigarhi
3. Bhirrana
4. Bhogavo



List - II

[Modern Name]

1. Saurashtra
2. Hisar
3. Kadir island
4. Haryana

Code :

- | A | B | C | D | |
|------------|----------|----------|----------|----------|
| (a) | 1 | 4 | 2 | 3 |
| (b) | 1 | 2 | 4 | 3 |
| (c) | 3 | 2 | 4 | 1 |
| (d) | 3 | 4 | 2 | 1 |

60) Which one of the following statements about the Gupta period in Indian history is not correct?

(a) Sanskrit language and literature, after centuries of evolution, reached what has been described as a level of classical excellence through royal patronage.

(b) The status of women was redefined. They were entitled to formal education and hence there were women teachers, philosophers and doctors. Early marriage was prohibited by law and they were given the right to property.

(c) Decentralization of administrative authority was impacted by increased grants of land and villages with fiscal and administrative immunities to priests and temples.

(d) land grants paved the way for feudal developments and emergence of selfdom in India, resulting in the depression of the peasantry.

61) The Nobel Prize in Physics for the year 2016 was given to

(a) David J. Thouless

(b) F. Duncan M. Haldane

(c) J. Michael Kosterlitz

(d) All of them

62) Which one of the following political parties was launched by Irom Sharmila in Manipur ?

(a) People's Resurgence and Justice Alliance

(b) Manipur Resistance Alliance

(c) Tribal Resistance Party

(d) Revolutionary People's Party



63) Which one of the following planets was explored by Cassini Mission launched by NASA, which ended in September 2017 ?

(a) Sun

(b) Neptune

(c) Saturn

(d) Jupiter

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

List - I

[Strait]

1. Bass Strait
2. Davis Strait
3. Dover Strait

4. Florida Strait

List - II

[Countries]

1. UK and France
2. Australia and Tasmania
3. USA and Cuba
4. Canada and Greenland

Code :

A B C D

(a) **2** **4** **1** **3**

(b) 2 1 4 3

(c) 3 4 1 2

(d) 3 1 4 2

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

List - I

[Pass]

1. Zoji La
2. Shipki La
3. Lipulekh
4. Nathu La



List - II

[Place]

1. Himachal Pradesh
2. Uttarakhand
3. Jammu and Kashmir
4. Sikkim

Code :

A B C D

(a) 4 2 1 3

(b) 4 1 2 3

(c) **3** **1** **2** **4**

(d) 3 2 1 4

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

List - I

[Concern]

1. TISCO
2. BALCO
3. BPCL
4. BEL

List - II

[Product]

1. Chemicals
2. Iron & steel
3. Electronics
4. Aluminium

Code :

- | A | B | C | D | |
|------------|----------|----------|----------|----------|
| (a) | 2 | 1 | 4 | 3 |
| (b) | 2 | 4 | 1 | 3 |
| (c) | 3 | 4 | 1 | 2 |
| (d) | 3 | 1 | 4 | 2 |



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

List - I

[National Highway]

1. NH - 2
2. NH - 4
3. NH - 7
4. NH - 8

List - II

[Route]

1. Delhi - Jaipur - Ahmedabad - Mumbai
2. Thane - Pune - Bengaluru - Chennai
3. Delhi - Agra - Allahabad - Kolkata
4. Varanasi - Jabalpur - Nagpur - Hyderabad - Bengaluru - Madurai - Kanyakumari

Code :

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

68) One carbon credit is accepted as equivalent to

- (a) 100 kg of carbon
- (b) 100 kg of carbon dioxide
- (c) 1000 kg of carbon
- (d) 1000 kg of carbon dioxide**

69) An emulsion consists of

- (a) one liquid and one solid
- (b) one liquid and one gas
- (c) two liquids**
- (d) two solids



70) Which one of the following radioactive substances enters/enter the human body through food chain and causes/cause many physiological disorders ?

- (a) Strontium – 90
- (b) Iodine – 131
- (c) Cesium – 137
- (d) All of the above**

71) 'Xeriscaping' is a concept related to

- (a) landscaping related to save water**
- (b) landscaping related to save soil erosion
- (c) weathering of rock surface
- (d) all of the above

72) Joule – Thomson process is extremely useful and economical for attaining low temperature. The process can be categorized as

- (a) isobaric process
- (b) isoenthalpic process
- (c) adiabatic process**
- (d) isochoric process

73) Ultrasonic waves are produced by making use of

- (a) ferromagnetic material
- (b) ferrimagnetic material
- (c) piezoelectric material**
- (d) pyroelectrical material

74) A person throws an object on a horizontal friction plane surface. It is noticed that there are two forces acting on this object – (i) gravitational pull and (ii) normal reaction of the surface. According to the third law of motion, the net resultant force is zero. Which one of the following can be said for the motion of the objects ?

- (a) The object will move with acceleration.
- (b) The object will move with deceleration.
- (c) The object will move with constant speed, but varying direction.
- (d) The object will move with constant velocity.**



75) Consider the following statements :

1. The chain reaction process is used in nuclear bombs to release a vast amount of energy, but in nuclear reactors, there is no chain reaction.
2. In a nuclear reactor, the reaction is controlled, while in nuclear bombs, the reaction is uncontrolled.
3. In a nuclear reactor, all operating reactors are 'critical', while there is no question of 'critically' in case of a nuclear bomb.
4. Nuclear reactors do not use moderators, while nuclear bombs use them.

Which of the above statements about operational principles of a nuclear reactor and a nuclear bomb is/are correct ?

- (a) 1 and 3
- (b) 2 and 3**
- (c) 4 only
- (d) 1 and 4

BEST DEFENCE BOOKS

