

EXCEL CIVILS ACADEMY GS PAPER - I

Time: 2Hrs

Date: 19.01.2020 Marks: 200 M

#### **INSTRUCTIONS**

- 1. All questions carry TWO marks each.
- 2. Bubble the correct answer on the OMR sheet with Blue / Black ball pen.
- 3. 1/3<sup>rd</sup> Negative Marking for every wrong answer.

#### GEOGRAPHY (01 to 30)

- 1. Consider the following statements:
  - 1. Full moon can be seen twice in about a month's time.
  - New moon can be seen only during a clear night.
     Select the correct answer using the code given below:
  - a) 1 only b) 2 only c) Both 1 and 2 d) Neither 1 nor2
- 2. The only planet which takes more time for rotation than revolution is?
  - a) Mercury b) Venus c) Earth d) Mars
- 3. Which of the following continents lie entirely in the Northern hemisphere?
  - 1. North America
  - 2. Asia
  - 3. Europe

Select the correct answer using the code give below

- a) 2 and 3 only b) 1 and 3 only c) 3 only d) All of the above
- 4. Through which of the following states Tropic of Cancer passes through in India?
  - 1. Chhattisgarh
  - 2. Jharkhand
  - 3. West Bengal
  - 4. Manipur

Select the correct answer using the code give below:

- a) 1, 3 and 4 only b) 1 and 3 only c) 1, 2 and 3 only d) All of the above
- 5. Consider the following statements:

- 1. Mount Everest is the highest peak of Continents and Oceans.
- Wild goats, snow leopards, bears are commonly found in the Himalayan region. Which of the above statements is/are correct?
  - a) 1 only b) 2 only c) Both 1 and 2 d) Neither 1 nor 2
- 6. The Atmosphere is thin layer of the air that surrounds the earth. It consists of a number of
  - 1. Gases
  - 2. Dust
  - 3. Water Vapour
  - 4. Heat

Select the correct answer using the code give below?

- a) 1 and 2 b) 2 and 3 c) 1,2 and 3 d) 1,2,3 and 4
- 7. The Lithosphere is broken into a number of plates known as the lithospheric plate. These plates move around because of
  - 1. The movement of the molten magma inside the Earth.
  - 2. The rotational movement of the earth on its axis.
  - 3. The Earth is revolving around the sun.

Select the correct answer using the code give below?

- a) 1 Only b) 2 and 3 c) 1, 2 and 3 d) None of the above
- 8. Consider the following pairs:

|   | Waterfall   |                    | Location   |               |  |  |  |
|---|---|--------------------|------------|---------------|--|--|--|
|   | 1. Angel Falls  |                    | Venezuela  |               |  |  |  |
|   | 2. Victoria Falls   |                    | Zambia     |               |  |  |  |
|   | 3. Niagara Falls  |                    | Mexico     |               |  |  |  |
|   | Which of the ab   | correctly matched? |            |               |  |  |  |
|   | a) 1 and 2  | b) 2 and 3         | c) 1 and 3 | d) 1, 2 and 3 |  |  |  |
| • | Which of the following features are made by river in a flood plain? |                    |            |               |  |  |  |
|   | 1. Ox-bow lake  |                    |            |               |  |  |  |
|   | 2. Meander  |                    |            |               |  |  |  |

3. Levees

9.

Select the correct answer using the code given below?

a) 1 and 2 b) 2 and 3 c) 1 and 3

- 10. Consider the following statements:
  - 1. As the river approaches the sea, the speed of water increases.
  - 2. As the river approaches the sea, it begins to break up into a number of streams called tributaries.

d)1,2 and 3

- 3. The collection of sediments of all the distributaries at the mouth forms a delta of river. Select the correct answer using the code give below?
  - a) 1 and 2 b) 2 and 3 c) 3 only d) 1 and 3
- 11. Consider the following statements:
  - 1. Mushroom rocks are formed by the erosion of the rocks by the winds.
  - 2. Sand dunes are created by deposition of Sands by the running water.
  - 3. When very fine and light grains of sand is deposited in large areas, it is called loess. Select the correct answer using the code give below?
    - a) 1 and 2 b) 2 and 3 c) 1 and 3 d) None of the above
- 12. The depositional feature of glacier is/are,
  - 1. River Valleys
  - 2. Beaches
  - 3. Moraines

Select the correct answer using the code give below?

a) 1 and 2 b) 2 and 3 c) 2 only d) 3 only

- 13. Consider the following statements:
  - 1. Low pressure is associated with cloudy skies and wet weather.
  - 2. High pressure is associated with clear and sunny skies Select the correct answer using the code give below?
    - a) 1 only b) 2 Only c) Both 1 and 2 d) Neither 1 nor 2
- 14. Consider the following statements:
  - 1. As the air gets warmer, its capacity to hold the water vapour decreases.
  - 2. When the air gets cool, it can retain more quantity of water vapour. Select the correct answer using the code give below?
    - a) 1 only b) 2 only c) Both 1 and 2 d) Neither 1 nor 2

15. What is the correct sequence of occurrence of the following rivers in Africa as one proceeds from north to south?

1.Congo

2.Nile

- 3.Niger
- 4.Orange

Select the correct answer using the code given below?

a) 1-2-3-4 b)2-3-1-4 c) 4-2-1-3 d)2-3-4-1

- 16. Which of the following currents are the warm currents?
  - 1. Californian Current
  - 2. North Pacific Drift
  - 3. Caribbean Current
  - 4. Gulf Stream

Select the correct answer using the code give below?

- a) 1,2 and 3 only b) 2,3 and 4 only c) 1,2 and 4 only d) All of the above
- 17. Which of the following are common animals found in the tropical forests?
  - 1. Tigers
  - 2. Elephants
  - 3. Langoors
  - 4. Reindeer

Select the correct answer using the code given below?

a) 1 and 2 only b) 2 and 3 only c) 1,2 and 3 only d) All of the above

18. Which of the following pairs are NOT correctly matched?

- 1. Tropical evergreen forests : Cedar
- 2. Coniferous forests : Teak
- 3. Temperate deciduous forest : Pine
- 4. Tropical deciduous forest : Neem

Select the correct answer using the code give below?

- a) 1 and 2 only b) 2 and 3 only c) 1, 2 and 3 only d) None of the above
- 19. Which of the following pairs are correctly matched?

- 1. Coniferous forests : Mink
- 2. Temperate forests : Lions
- 3. Tropical forests : Monal

Select the correct answer using the code given below?

a) 1 only b) 2 and 3 only c) 1, 2 and 3 d) None of the above

20. With reference to the natural resources consider the following pairs:

- a) 1, 2 and 3 b) 2, 3 and 5 c) 1,2 and 5 d) 3,4 and 5
- 21. Consider the following statements:
  - 1. Temperature in cites is much higher than the villages.
  - 2. The availability of resources is the main reason places differ from each other in prosperity.

Which of the above statement(s) is/are incorrect?

- a) 1 only b) 2 only c) Both 1 and 2 d) Neither 1 nor 2
- 22. Consider the following pairs:
  - 1. Land use : Prevent Soil erosion
  - 2. Humus : Land suitable for agriculture
  - 3. Rock dams : Productive use of land
  - 4. Arable land : Organic matter deposited on top soil

Select the correctly matched pair and answer using the code given below?

- a) 1, 2 and 4 b) 2 and 3 c) 2 and 4 d) None of the above
- 23. Which of the following can check the land degradation:
  - 1. Afforestation
  - 2. Land reclamation

- 3. Checks of overgrazing
- 4. Regulated use of pesticides and fertilizers
- 5. Expansion of pasture land

Select the correct answer using the code give below?

- a) 1, 2, 3 and 4 only b) 2, 3 and 4 only
- c) 1 and 3 only d) All of the above
- 24. Consider the following statements :
  - 1. Top soil contains the sand, silt and clay.
  - 2. Sub soil contains the humus and vegetation.

Select the correct answer using the code give below?

a)1 only b) 2 only c) Both 1 and 2 d) Neither 1 nor 2

- 25. Which of the following are the factors of soil formation?
  - 1. Parent rock
  - 2. Time
  - 3. Climate
  - 4. Relief
  - 5. Micro-organism

Select the correct answer using the code give below?

- a) 1, 2, 4 and 5 only b) 2, 3 and 4 only
- c) 2, 4 and 5 only d) 1, 2, 3, 4 and 5

26. On the planet Earth, maximum water exists in oceans. The correct sequence of the remaining water in decreasing order is :

- a) Ice caps and Glaciers, Groundwater, Lakes and Atmosphere.
- b) Ice caps and Glaciers, Atmosphere, Lakes and Groundwater.
- c) Atmosphere, Ice caps and Glaciers, Lakes and Groundwater.
- d) Groundwater, Lakes, Atmosphere, and Ice caps and Glaciers.
- 27. Consider the following pairs:

# Relief features Characteristics 1. Mid-Oceanic ridges : Chains of mountains separated by large depression

2. Guyots : Mountains with pointed summits

3. Seamount : Low lying islands consisting of coral reefs Which of the pairs given above is/are correctly matched?

a) 1 only b) 1 and 3 only c) 2 only d) 1, 2 and 3

28. Which of the following best describes the process of "Lithification" ?

a) It is the process of formation of rocks through compaction of sediments.

- b) It is the process of erosion of rocks and their deposition in deltaic plains.
- c) It refers to the cooling of magma to form lava plains.
- d) It refers to the metamorphosis of rocks under heat and pressure.
- 29. Which of the following combinations will lead to maximum tidal range?
  - a) Spring Tide along with perigean position of Moon.
  - b) Neap Tide with aphelion position of the Moon.
  - c) Spring Tide with apogean position of the Moon.
  - d) Neap Tide with perihelion position of the Sun

30. Arrange the following capitals of the North- Eastern states from west to east:

- 1. Dispur
- 2. Itanagar
- 3. Gangtok
- 4. Kohima

Select the correct answer using the code given below.

a) 4-2-3-1 b) 1-2-3-4 c) 3-1-2-4 d) 3-1-4-2

#### HISTORY (31 to 60)

31. The Indian historian who spent 17 years in the court of Muhammad-bin-Tugluq was

a) Amir khusrau b) Malik Kafur c) Ibn Batuta d) Zia-ud-din-Barani

32. Which of the following was not one of the long-term benefits of the transfer of capital by Muhammad-bin-Tughlug to Daulatabad?

- a) It led to a better control of the peninsula by the sultanate.
- b) It helped in bringing North and South India closer together by improving communications.
- c) It resulted in a new process of cultured interaction between north and south India.

- d) It shifted the centre of political gravity from the North to the south.
- 33.It is difficult to accept the theory of ecological imbalance because
  - a) It does not explain why soil continues to be fertile in the Indus valley area.
  - b) We do not have adequate data to tell us about the needs of Harappan towns
  - c) Towns men continued to stay on in Harappa.
  - d) Both A and B.
- 34. The first successful invader who annexed the Punjab territories to his empire was
  - a) Cyrus I b) Darius I c) Alexander d) Darius III
- 35. Which of the following statement regarding charvaka philosophy is not correct.
  - a) Enjoyment is the only end of Human life.
  - b) Gods do not exist.
  - c) Besides perception there are other means of valid knowledge important among them being interence.
  - d) Everything that exists, is experienced by sensory organs.
- 36. Which one of the following was the earliest Sanskrit inscription?
  - a) Girnar inscription
  - b) Mathura inscription
  - c) Nasik Inscription
  - d) Hatigumpha Inscription
- 37. Who uprooted the Bodhi tree at Bodh Gaya?
  - a) Pushyamitra sunga
  - b) Rajendra chola
  - c) Sasanka
  - d) Samudra Gupta
- 38. What is the difference between Niravasita and aniravasita categories?
  - a) Niravasita's Polluting effect could be reversed whereas that of aniravasita's could not be reversed
  - b) Niravasita's were of non-Indian origin whereas aniravasitas were of Indian origin
  - c) Niravasitas could attain the status of a higher varna whereas aniravasita could not

- d) Niravasita belonged to vaishya category whereas aniravasita belonged to shudra category
- 39. Which of the following dynasties arose after the decline of the Satavahana empire?
  - 1. The Abhiras
  - 2. The Ikshivakus
  - 3. The Chutus
  - 4. The Pallavas

Choose the correct answer from the codes given below:

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

- 40. Which of the following would be the most accurate description of the Mauryan monarchy under Asoka?
  - a) Enlightened despotism
  - b) Centralized autocracy
  - c) Paternal despotism
  - d) Guided democracy
- 41. Which of the following statements about the new office of the dhamma-mahamattas introduced by Asoka in his fourteen regnal year is not correct?
  - a) They alone were responsible for the propagation of dhamma
  - b) They looked into complaints of law-abiding people and ensured fair treatment to them
  - c) They also attended to the welfare of prisoners and the inspection of the judiciary
  - d) They also looked after the interests of the urban men and merchants
- 42. Match the five major Mauryan provinces with their capitals:
  - A. Uttarapatha 1. Ujjain
  - B. Avantipatha 2. Suvarnagiri
  - C. Dakshinapatha 3. Tosali
  - D. Prachyapatha 4. Pataliputra
  - E. Central Province 5. Taxila

|    | А | В | С | D | Е |
|----|---|---|---|---|---|
| a) | 5 | 1 | 2 | 3 | 4 |
| b) | 1 | 2 | 4 | 3 | 5 |

| c) | 2 | 3 | 1 | 4 | 5 |
|----|---|---|---|---|---|
| d) | 3 | 2 | 1 | 4 | 5 |

- 43. Which of the following sequence of events having taken place during the Magadhan ascendency is correct?
  - a) Annexation of Anga Annexation of Koshala Annexation of Vajji Annexation of Avanti
  - b) Annexation of Koshala -- Annexation of Anga Annexation of Vajji -- Annexation of Avanti
  - c) Annexation of Vajji -- Annexation of Anga -- Annexation of Avanti Annexation of Koshala
  - d) Annexation of Anga -- Annexation of Avanti - Annexation of Vajji Annexation of Koshala
- 44. Which of the following is not true about Janapada?
  - a) Its literal meaning is the place where people place their feet.
  - b) A janapada was essentially an agricultural settlement.
  - c) The janapada were often named after the dominant Kshatriya clans.
  - d) The establishment of janapadas show that trade had become the most important factor in the contemporary life.
- 45. Which of the following regarding the social life of the Early Vedic people is not true?
  - a) Social divisions were based on occupations
  - b) The members of one family could adopt different occupations
  - c) Slavery, including women slaves, was known
  - d) The society was not egalitarian
- 46. The famous 'battle of Ten Kings' Mentioned in the Rigveda was fought between:
  - a) King Sudas of Bharatas and the group of ten kings
  - b) The Kurus and the ten kings of Bharatas
  - c) The Kurus and the ten kings of Bharatas
  - d) The Bharatas and the Tritsu
- 47. Which of the following statements about the kings of the Early Vedic period is not correct?

a) The king was primarily a military leader who fought for cows and not for territory

b) He ruled over his tribe (Jana) and not over particular regions.

c) Very likely he owed his office to the choice of the people

d) He had an important role to play in the religious domain also48.Match list A with the list B.

| А   |               |                               | В                  |             |                       |  |  |
|---|---------------|-------------------------------|--------------------|-------------|-----------------------|--|--|
| 1. Banas Culture                            | a) So         | a) South Eastern              |                    |             |                       |  |  |
| 2. PGW Culture                              |               | b) G                          | anga-Yamuna        | a Doab      |                       |  |  |
| 3. Malwa Culture                            |               | c) Ce                         | entral India       |             |                       |  |  |
| 4. Jorwe Culture                            |               | d) No                         | d) Northern deccan |             |                       |  |  |
| Choose the correct                          | t answer :    |                               |                    |             |                       |  |  |
| a) 1-a, 2-b, 3-c, 4-                        | -d b) 1-a, 2  | 2-b, 3-d, 4-c                 | c) 1-a, 2-c,       | 3-b, 4-d    | d) 1-b, 2-c, 3-d, 4-a |  |  |
| 49. Pair the Harappa                        | n settlements | with the bar                  | nks of rivers of   | on which t  | hey were located:     |  |  |
| A. Lothal                                   |               | 1. Indus                      |                    |             |                       |  |  |
| B. Kalibangan                               |               | 2. Sutlej                     |                    |             |                       |  |  |
| C. Ropar                                    |               | 3. Ravi                       |                    |             |                       |  |  |
| D. Harappa                                  |               | 4. Ghaggar                    |                    |             |                       |  |  |
| E. Mohenjodaro                              |               | 5. Bhogao                     |                    |             |                       |  |  |
| А   | В             | С                             | D                  | E           |                       |  |  |
| a) 5  | 4             | 2                             | 3                  | 1           |                       |  |  |
| b) 2  | 5             | 1                             | 4                  | 3           |                       |  |  |
| c) 4  | 5             | 2                             | 3                  | 1           |                       |  |  |
| d) 5  | 4             | 3                             | 2                  | 1           |                       |  |  |
| E. Mohenjodaro<br>A<br>a) 5<br>b) 2<br>c) 4 | 4<br>5<br>5   | 5. Bhogao<br>C<br>2<br>1<br>2 | D<br>3<br>4<br>3   | 1<br>3<br>1 |                       |  |  |

50. Which of the following statements about the Muslim invasion of India is incorrect?

- a) Md. Ghazni was mainly concerned with plunder of India's wealth
- b) Md. Ghori could be considered as the real founder of Muslim rule in India.
- c) The establishment of Muslim rule in India was accidental
- d) All the above

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

a) Iqta : Revenue assignement of civil and military service

- b) Mansab : Official status of the nobles in the Sultanate admini-stration
- c) Khalisa : Directly administered land by the Mughal emperor.
- d) Ijara : A contractual system of revenue assignement.
- 52. Which of the following was not the likely purpose of the Great Bath in the citadel at Mohenjodaro ?
  - a) Community bathing
  - b) Swimming exercise and water sports
  - c) Some elaborate ritual of vital importance, including a corporate social life.
  - d) Storage of water to be used during drought or emergency.
- 53. what was the most probable reason for the spread of the practice of sati during the early medieval period?
  - a) The low status assigned to women combined with high sexual morality Expected of them
  - b) The practice of large number of women being maintained by the feudal Chiefs and resultent disputes about the property
  - c) The fear of losing chastity on account of presence of foreign invadersin large numbers
  - d) Lowering of the age of marriage for girls
- 54. Ashoka carved out rock-cut caves at Barabar and Nagarjun hills in Bihar For which of the following:
- a) Hinayana b) Digambara c) Mahayana d) Ajivika
- 55. Which of the following statements regarding the Maurya coins are correct?
  - 1. They bear names of Kings who issued them
  - 2. They bear distinct sets of symbols
  - 3. They are punchmarked coins in silver and copper.
  - a) 1 and 2 b) 2 and 3 c) 1 and 3 d) 1,2 and 3

56. Which one of the following statements is most appropriate?

- a) The subsistence pattern of Mesolithic people was based on hunting of Animals
- b) Gathering of wild fruits and seeds
- c) Hunting of animals and gathering of wild fruits
- d) surplus of food production

- 57. The Muslim conqueror who continued to issue coins with the figure of a Hindu goddess was
  - a) QutubuddinAibak
  - b) Babar
  - c) MohammadGhori
  - d) MohammadGhaznavi

58. Which of the following statements regarding the Rajputs is wrong?

- a) They dominated the North India politics during early medieval India.
- b) Clan was the basis of Rajput society
- c) Rajputs treated war as a sport
- d) Rajput clans didn't fight among themselves
- 59. Why is it not fully appropriate to call Gupta government as imperial Government
  - a) Centralized control was not well established
  - b) The Guptas lacked imperial zeal
  - c) Geographically the Gupta empire was very small
  - d) All the above

60. Match the following

| List I (author) |      | List     | List II(Works)          |  |  |  |
|-----------------|------|----------|-------------------------|--|--|--|
| A.Minhaj Sura   | aj.  | 1. Taril | 1. Tarikh-i-Firuz shahi |  |  |  |
| B.Amir khusr    | u.   | 2. Taju  | 2. Tajul Maasir         |  |  |  |
| C.Hasan Nizar   | mi.  | 3. Kha   | 3. Khazainul Futuh      |  |  |  |
| D.Shams-i- Si   | raj. | 4. Taba  | 4. Tabaqat-i- Nasari    |  |  |  |
| А               | В    | С        | D                       |  |  |  |
| a) 3            | 4    | 2        | 1                       |  |  |  |
| b) 3            | 4    | 1        | 2                       |  |  |  |
| c) 4            | 3    | 1        | 2                       |  |  |  |
| d) 4            | 3    | 2        | 1                       |  |  |  |

#### **CURRENT AFFAIRS (61 to 100)**

- 61. Which of the following statement is correct regarding 'Tiger Triumph', recently seen in news
  - a) International programme to create awareness about tiger conservation.
  - b) Restoring tiger conservation areas.
  - c) India and U.S. armed forces tri-services exercise.
  - d) None of the above
- 62. Consider the following statements regarding Geosynchronous Satellite Launch Vehicle Mark III (GSLV-III).
  - 1. GSLV Mk III is a three-stage heavy lift launch vehicle developed by ISRO.
  - 2. It is designed to carry 10 tons of satellites to Low Earth Orbit (LEO).
  - 3. The GSLV Mk III will be the launch vehicle for Gaganyaan.

Which of the above statements is/are correct?

- a) 1 and 2 b) 2 and 3 c) 1 and 3 d) 1,2 and 3
- 63. Consider the following statements.
  - 1. India's electricity demand fell in recent times due to sharp reduction in offtake from the industrialised states.
  - 2. Electricity is part of the eight core industries.

Which of the above statements is/are correct?

a) 1 Only b) 2 Only c) Both 1 and 2 d) Neither 1 nor 2

64. Emissions Gap Report is released by

a) Intergovernmental Panel on Climate Change (IPCC)

- b) International Union for Conservation of Nature
- c) United Nations Environment Programme (UNEP)
- d) United Nations Framework Convention on Climate Change (UNFCCC)
- 65. Mission Raksha Gyan Shakti is related to
  - a) Enhance the private sector participation in defence manufacturing.
  - b) Boost Export of India's Defence production
  - c) Boost Intellectual Property Right (IPR) culture in indigenous defence industry

- d) Invisible laser walls to bolster security along border with Pakistan in Jammu and Kashmir
- 66. Joint military exercise 'SURYA KIRAN XIV' is being held between India and:
  - a) Nepal b) Sri Lanka c) Myanmar d) Bhutan
- 67. With reference to the Mission Indradhanush 2.0, consider the following statements:
  - 1. The scheme is aimed at immunizing children under the age of 12 years and pregnant women against eight vaccine preventable diseases.
  - 2. It covers vaccines for diphtheria, whooping cough, tetanus, poliomyelitis, tuberculosis, measles, meningitis and Hepatitis B.

Which of the statements given above is/are correct?

a) 1 only b) 2 only c) Both 1 and 2 d) Neither 1 nor 2

68. With reference to the Prohibition of Electronic Cigarettes Bill, 2019, consider the following statements:

- Any production, import, export, transport, sale (including online sale) or advertisement (including online advertisement) of e-cigarettes shall be a cognizable offence punishable.
- 2. Storage of electronic-cigarettes shall also be punishable with an imprisonment up to 6 months or fine up to Rs 50,000 or both.

Which of the statements given above is/are correct?

a)1 only b)2 only c)Both 1 and 2 d)Neither 1 nor 2

69. Which of the following bodies/institutions are headed by the Prime Minister of India?

1. National Ganga Council

2. National Board for Wildlife

3. National Integration Council

Select the correct answer using the code given below:

a) 1 only b) 1 and 2 only c) 2 and 3 only d) 1, 2 and 3

- 70. Recently seen in news, India will be gifting Made in India Fast Interceptor Coast Guard Ship Kaamiyaab to which of the following countries?
  - a) Maldives b) Sri Lanka c) Nepal d) Bhutan

- 71. With reference to the Fugitive economic offender (FEO), consider the following statements:
  - 1. It is defined as an individual who has committed offences involving an amount of 100 crore rupees or more and has ran away from India to avoid criminal prosecution.
  - 2. A special court will be established under the Prevention of Money-laundering Act, 2002 to declare a person as a Fugitive Economic Offender.Which of the statements given above is/are correct?
    - a) 1 only b) 2 only c) Both 1 and 2 d) Neither 1 nor 2

72. With reference to the torrefaction technology, consider the following statements:

- It involves heating up straw, grass, saw mill residue and wood biomass to 250 degrees Celsius - 350 degrees Celsius.
- 2. It will change the elements of the biomass into 'coal-like' pellets.

Which of the statements given above is/are correct?

a) 1 only b) 2 only c) Both 1 and 2 d) Neither 1 nor 2

73. With reference to the Virtopsy, consider the following statements:

- 1. It is a word combining 'virtual' and 'autopsy' for the purpose of autopsy and to find the cause of the death.
- 2. In a Virtopsy doctors use radiation to examine the innards to reach a conclusion about the cause of death.

Which of the statements given above is/are correct?

a) 1 only b) 2 only c) Both 1 and 2 d) Neither 1 nor 2

74. Consider the following statements with respect to FASTag

1. It is a post-paid radio-frequency identification-enabled tag .

- 2. It is an electronic toll collection program which is being implemented by some banks along with IHMCL and National Payments Corporation of India.
- 3. It was initially implemented as a pilot project in 2014 on the Ahmedabad-Mumbai stretch of the Golden Quadrilateral .
- 4. This will not only reduce delay in transportation on roads, but will also reduce air pollution.

Which of the above statements is/are not correct?

a) Only 1 b) 2 and 3 c) 1 and 4 d) 1,2 and 3

- 75. Which of the below states is the inner line permit required for entry?
  - a) Manipur, Meghalaya and Arunachal Pradesh
  - b) Arunachal Pradesh, Mizoram and Nagaland
  - c) Sikkim, Mizoram and Nagaland
  - d) Meghalaya, Manipur and Tripura
- 76. Which three indicators are used in the Human Development Index (HDI)?
  - 1. Standard of living
  - 2. Education
  - 3. Life expectancy
  - 4. Condition of environment

Which of the above statements is/are correct?

- a) Only 1,2 & 4
- b) Only 1, 2 & 3
- c) Only 1 & 2
- d) All of the above

77. Which of the following index is not released by the UNDP?

- a) Human Development Index
- b) Multidimensional Poverty Index
- c) Gender Inequality Index
- d) Environmental Quality Index

78. Consider the following statements regarding National Housing Bank (NHB)

- 1. Reserve Bank of India (RBI) is the majority shareholder in NHB
- 2. It is the principal agency to promote housing finance institutions both at local and regional levels.
- 3. It encourages augmentation of supply of buildable land and also building materials for housing.

Which of the above statements is/are correct?

- a) 1, 2 b) 1, 3 c) 2, 3 d) 1, 2, 3
- 79. Consider the following statements regarding Currency Swap Arrangement (CSA).

- 1. The main purpose of currency swaps is to avoid turbulence and other risks in the foreign exchange market and exchange rate.
- Both Central banks and governments engage in currency swaps with foreign counterparts to ensure adequate foreign currency during the time of foreign currency scarcity.

3. Currency swap agreements are always bilateral and promotes bilateral trade. Which of the above statements is/are correct?

a) 1, 3 b) 1, 2 c) 2, 3 d) 1 only

80. Consider the following statements regarding Payments Bank.

1. Payments Bank can accept deposits only upto 2 lakh per individual customer.

2. Issues debit cards, but not credit cards.

3. Can distribute financial products such as mutual funds and insurance.

Which of the above statements is/are correct?

a) 1, 2 b) 1, 3 c) 2, 3 d) 1, 2, 3

81. Consider the following statements regarding Operation 'Clean Art'.

1. It is the first pan India operation to crackdown on the smuggling of mongoose hair.

2. Operation Clean Art was conceived by Wildlife Crime Control Bureau.

3. Any smuggling or possession of mongoose body part is a non-bailable offence.

Which of the above statements is/are correct?

a) 1, 2 b) 1, 3 c) 2, 3 d) 1, 2, 3

82. Which of the following are natural carbon sinks

1. Grasslands

2. Soil

3. Ocean

4. Coral reefs

5. Natural-gas purification plants

Select the correct answer code:

a) 1, 3, 4, 5 b) 1, 2, 3, 5 c) 1, 2, 3, 4 d) 1, 2, 3, 4, 5

83. With reference to Digi Yatra, which of the following statement is correct?

a) A mobile application where user can enter road quality-related information and to report

any accident or pothole on highway.

- b) A mobile application where users can purchase FASTag tag.
- c) Biometric based digital processing of passengers at airports.
- d) None of the above

84. Consider the following statements about Bhuvan, a web mapping service.

1.It allows users to explore a 2D/3D representation of the surface of the Earth.

2.Bhuvan also provides timely disaster support services.

3.It is developed by Indian Institute of Science (IISc), Bangalore.

Which of the above statements is/are correct?

a) 1, 2 b) 1, 3 c) 2, 3 d) 1, 2, 3

85. The Chairmen of public sector banks are selected by the

- a) Banks Board Bureau
- b) Reserve bank of India
- c) Union Ministry of Finance
- d) Management of concerned bank

86. Which Article of the Constitution of India safeguards one's right to marry the person of one's choice?

a) Article 19 b) Article 21 c) Article 25 d) Article 29

87.In the context of wearable technology, which of the following tasks is/are accomplished by wearable devices?

- 1. Location identification of a person
- 2. Sleep monitoring of a person
- 3. Assisting the hearing impaired person

Select the correct answer using the code given below.

a) 1 only b) 2 and 3 only c) 3 only d) 1, 2 and 3

88. With reference to the Arms (Amendment) Bill, 2019, consider the following statements:

- 1. Forcefully taking a firearm from police or armed forces is a punishable offence with imprisonment between 10 years and life imprisonment.
- 2. Celebratory gunfire which endangers safety of others is a punishable offence with imprisonment of up to two years, or fine of up to one lakh rupees, or both.

Which of the statements given above is/are correct?

a)1 only b)2 only c)Both 1 and 2 d) Neither 1 nor 2

89. Which of the following is the first state to implement Pashu Kisan credit cards in India?

a) Haryana b) Uttar Pradesh c) Madhya Pradesh d) Odisha

90. Consider the following statements:

1. According to Criminal Law (Amendment) Act in 2013, stalking is not punishable offence.

2. The Criminal Law (Amendment) Act, 2018, for the first time put death penalty as a possible punishment for rape of a girl under 12 years; the minimum punishment is 20 years in jail.

Which of the statements given above is/are correct?

a) 1 only b) 2 only c) Both 1 and 2 d) Neither 1 nor 2

91.National Vector Borne Disease Control Programme (NVBDCP) is a comprehensive programme for prevention and control of which of the following diseases?

- 1. Malaria
- 2. Filaria
- 3. Japanese Encephalitis (JE)
- 4. Kala-azar

Select the correct answer using the code given below:

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

- 92. With reference to the measures taken by the Government to prevent crime against women, consider the following statements:
  - 1. Emergency Response Support System provides a pan-India, single, internationally recognized number (112) based system for all emergencies, with computer aided dispatch of field resources to the location of distress.
  - The Ministry of Women and Child Development has launched a cyber-crime portal in 2018 for citizens to report obscene content.

Which of the statements given above is/are correct?

a) 1 only b) 2 only c) Both 1 and 2 d) Neither 1 nor 2

- 93. Which of the following Union Ministry is developing 'Gandhi Encyclopedia' for promotion of appropriate Gandhian philosophy and thoughts through social media platforms under 150th birth anniversary of Mahatma Gandhi commemoration?
  - a) Ministry of Culture
  - b) Ministry of Human Resource Development
  - c) Ministry of Law and Justice
  - d) Ministry of Information and Broadcasting
- 94. With reference to the Voice over Wi-Fi (VoWiFi), consider the following statements:
  - 1. It uses high speed Internet connection, available via broadband, to make and receive High definition (HD) voice calls.
  - 2. Users don't have to pay extra for these calls as it is using a Wi-Fi network.
  - 3. This is not much different from a voice call using WhatsApp or any other over-the-top messaging platform, but here the call is from one number to another, and not using an app.
  - Which of the statements given above is/are correct?
  - a) 1 and 2 only b) 2 and 3 only c) 1 and 3 only d) 1, 2 and 3

95. With reference to the International Court of Justice (ICJ), consider the following statements:

- 1. It is the principal judicial organ of the United Nations (UN).
- 2. The seat of the Court is at the Peace Palace in New York.

Which of the statements given above is/are correct?

a) 1 only b) 2 only c) Both 1 and 2 d) Neither 1 nor 2

96. With reference to the Climate Change Performance Index (CCPI), consider the following statements:

1. It was released by UNFCCC.

- 2. India for the first time ranks among the top 10 in CCPI.
- Which of the statements given above is/are correct?
- a) 1 only b) 2 only c) Both 1 and 2 d) Neither 1 nor 2

97. Justice V.S. Sirpurkar Commission, recently seen in news, is related to:

a) Probe the circumstances of the police 'encounter' killing of four persons accused in the

gang-rape and murder of a veterinarian in Hyderabad.

- b) Look into Relationship and power balance between the Centre and States
- c) Look into GST revenue shortfall faced by states
- d) None of the above
- 98. With reference to the Central Water Commission's (CWC) recent report on river pollution by Heavy metals, consider the following statements:
  - 1. Iron emerged as the most common contaminant with 156 of the sampled sites registering levels of the metal above safe limits set by the Bureau of Indian Standards.
  - 2. The other major contaminants found in the samples were lead, nickel, chromium, cadmium and copper
  - 3. None of the sites registered arsenic levels above the safe limit.

Which of the statements given above is/are correct?

- a) 1 and 2 only b) 2 and 3 only c) 1 and 3 only d) 1, 2 and 3
- 99. Indian Space Research Organization (ISRO) has recently begun preparatory works for setting up a third rocket launchpad in:
  - a) Kulashekhrapattinam b) Udupi c) Villupuram d) Kollam

100. With reference to the UNESCO Representative List of the Intangible Cultural Heritage of Humanity, consider the following statements:

- Recently it included "Nuad" Thai massage, Irish harping, Portugal's Carnival of Podence - in its Representative List of the Intangible Cultural Heritage of Humanity
- 2. Till date, this list includes 13 intangible cultural heritage items from India and the latest was Kumbh Mela added to the list in 2017.

Which of the statements given above is/are correct?

a) 1 only b) 2 only c) Both 1 and 2 d) Neither 1 nor 2

### \*\*\*\* ALL THE BEST \*\*\*\*

## (19.01.2020) GS PAPER I KEY

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