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### SYLLABUS FOR MOCK TEST-4

CURRENT AFFAIRS- SEP. 2018

MEDIEVAL HISTORY : Mohammeden's invasion,  
Ghazanavid empire, Ghurids, Battles of Tarain, Delhi  
sultanate.

INDIAN POLITY : Indian judiciary : supreme court,  
High court, Subordinate courts.  
State executive, State legislature.

Centre state relations, constitutional and statutory  
bodies, Extra constitutional non statutory bodies, RTI,  
RTE, lokpal, Political parties, Local government :  
Panchayati Raj and Municipality.

ECONOMICS : Public finance : Budget, Taxation  
system.

CHEMISTRY : complete syllabus

HP GK : Temples in Himachal Pradesh.

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## **MOCK TEST-4 HAS/HPAS** **28 JAN 2019, RANA ACADEMY SHIMLA**

### 1. Consider the following statements :

- Articles 124 to 147 in Part V of the Constitution deal with the Supreme Court.
- The Supreme Court of India was inaugurated on January 28, 1950.
- It succeeded the Federal Court of India, established under the Government of India Act of 1935.
- The jurisdiction of the Federal Court was greater than that of Supreme Court.

### Find the correct option :

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

### 2. Consider the following statements :

- The 99th Constitutional Amendment Act of 2014 and the National Judicial Appointments Commission Act of 2014 have replaced the collegium system of appointing judges to the Supreme Court and High Courts with a new body called the National Judicial Appointments Commission (NJAC).
- However, in 2015, the Supreme Court has declared both the 99th Constitutional Amendment as well as the NJAC Act as unconstitutional and void (Fourth Judges case, 2015). Consequently, the earlier collegium system became operative again.
- Article 51 of Indian constitution says about separation of judiciary from executive.

### Find the correct option :

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

### 3. Consider the following statements about Qualifications of Judges :

- He should be a citizen of India.
- He should be minimum 35 years of age.
- He should have been a judge of a High Court (or high courts in succession) for ten years; or He should have been an advocate of a High Court (or High Courts in succession) for five years; or He should be a distinguished jurist in the opinion of the president.

### Find the incorrect option :

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

### 4. Consider the following statements about Tenure of Judges :

- They hold office for a term of six years or until they attain the age of 65 years, whichever is earlier.
- Chief Justice can resign from his office by writing to the president however other judges submit their resignation to Chief Justice of India.
- They can be removed from his office by the President on the recommendation of the Parliament.

### Find the correct option :

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

### 5. Consider the following statements about removal of Judges of Supreme court and High court :

- The President can remove any judge from his office only after parliament pass his removal motion with special majority.
- The grounds of removal is violation of constitution.
- The Judges Enquiry Act (1968) regulates the procedure relating to the removal of a judge of the Supreme Court and High court.
- No judge of supreme court has been impeached so far.

### Find the correct option :

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

### 6. Consider the following statements

- The Constitution of India provides for a high court for each state, but the Seventh Amendment Act of 1956 authorised the Parliament to establish a common high court for two or more states or for two or more states and a union territory.
- At present, there are 24 high courts in the country.
- Delhi is only UT to have its own high court since 1966.

### Find the correct option :

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

### 7. Which of the following Article of COI deals with Original jurisdiction of Supreme Court :

- a) **131** b) 132 c) 135 d) 136

### 8. Consider the following statements

- Article 32 and 226 of COI empowers Supreme court and High courts respectively to issue writs for the enforcement of Fundamental rights.
- The writ jurisdiction of the high court ( Art 226) is wider than that of the Supreme Court ( Art 32).
- Territorial jurisdiction of Supreme court is wider than that of High court.

### Find the correct option :

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

### 9. Consider the following Matches regarding name and seat of High courts :

- Chattisgarh HC- Raipur
- Madhya Pradesh- Bhopal
- Gujarat – Gandhi Nagar
- Kerala-Ernakulam
- Orrisa- Bhubaneswar



6. Rajasthan-Jodhpur  
7. Uttarakhand – Nainital  
8. Jharkhand-Bilaspur

Find the correct one :

- a) 1,4,6,7 **b) 4,6,7** c) 1,6,7 d) 2,3,4,5,6,7

10. Consider the following statements about state legislature :

1. A Money Bill can be introduced only in the assembly and not in the council.
2. The legislative council can detain or delay the ordinary bill for the period of six months only.
3. The legislative council can only discuss the budget but cannot vote on the demands for grants.
4. The council of ministers is collectively responsible only to the assembly.

Find the correct option :

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

11. If a person wants to contest elections to Legislative assembly, He should be a registered voter in the:

- a) Same constituency of that state from where he is getting elected  
**b) any constituency in that state from where he is getting elected**  
c) territory of India  
d) none

12. Consider the following statements

1. Chief Minister is the real executive authority (*de facto* executive)
2. According to the Constitution, the Chief Minister must be a member of legislative assembly only.
3. A person who is not a member of the state legislature can be appointed as Chief Minister for six months.
4. Chief minister of any state is appointed by Governor of that state who also administered oath to him.

Find the correct option :

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

13. who can disqualify any MLA under 10<sup>th</sup> schedule :

- a) speaker of assembly** b) Governor c) President  
d) Governor on the advice of election commission.

14. find the incorrect one :

- a) speaker of leg assembly submits his resignation to Deputy speaker  
b) member of legislative council submits his resignation to Chairman  
c) A minister in the state submits his resignation to Governor  
**d) a judge of High court submits his resignation to Chief justice of high court concerned.**

15. In which case, the Supreme Court ruled that the writ jurisdiction of both the high court and the

Supreme Court constitute a part of the basic structure of the Constitution.

**a) Chandra Kumar case(1997)**

b) Kihoto kolohan case(1992)

c) Minerva mills case(1980)

d) Shankari Prasad case(1951)

16. find the incorrect one :

a) Organisation of Gram Sabha in a village or group of villages.

b) Direct elections to all seats in panchayats at the village, intermediate and district levels.

c) Indirect elections to the post of chairperson of panchayats at the intermediate and district levels.

**d) 25 years to be the minimum age for contesting elections to panchayats.**

17. Consider the following statements:

1. The Legislative Council of a state in India can be larger in size than half of the Legislative Assembly of that particular state.

2. The Governor of a state nominates the Chairman of Legislative Council of that particular state.

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**

18. Consider the following statements

1) The composition of the state finance commission may be provided by the state government.

2) Article 280 deals with State finance Commission.

Which of the following is/are true

**a. Only 1**

b. Only 2

c. Both 1 and 2

d. None of the above

19. A cantonment board is set up under the provisions of the :

**a) Cantonments Act of 2006**

b) Cantonments Act of 2007

c) Cantonments Act of 2005

d) Cantonments Act of 2004

20. find the incorrect one :

**a) In 1687-88, the first municipal corporation in India was set up at Calcutta.**

b) Lord Mayo's Resolution of 1870 on financial decentralisation visualized the development of local self-government institutions.

c) Lord Ripon's Resolution of 1882 has been hailed as the 'Magna Carta' of local self-government. He is called as the father of local-self government in India.

d)The Royal Commission on decentralisation was appointed in 1907 and it submitted its report in 1909. Its chairman was Hobhouse.

21. find the incorrect one :

a)**Fourth International Ayurveda Congress (IAvC) took place in Canada.**

b) To promote a culture of innovation and research in higher education, the human resource development (HRD) ministry launched the Ranking system named ARIIA which stands for Atal Ranking of Institutions on Innovation Achievements.

c)The Global Climate Action Summit 2018 held at California

d)Chabahar port is situated in Iran.

22. find the incorrect statement about the 18th Asian Games 2018 concluded recently in Indonesia.

a)Total number of medals won by India in this championship is 69.

b)Ikee Rikako (japanese female swimmer) has been named as the Most Valuable Player (MVP) of the recently-concluded 18th edition of the Asian Games.

c) **Japan was on top of the medal tally of Asian games 2018 with 132 gold medals.**

d)Bhin Bhin, Kaka and Atung were the official mascots of the 2018 Asian Games.

23. Name the naval ship that has entered the Port of Darwin, Australia to participate in Exercise KAKADU 2018.

a)INS Tarini b)INS Kirpa c)INS Kuthar d)**INS Sahyadri**

24. Indian Kabaddi Team lost to which of the following country in Semifinal to settle for Bronze medal in Asian Games 2018 (It was the 1st time that Indian Kabaddi Team could not win Gold)

a)Pakistan b)South Korea c)**Iran** d)China

25. India along with 23 other nations participated in a major Indian ocean-wide tsunami mock drill which will involve evacuation of thousands of people from coastal areas in over half a dozen coastal states. The exercise is known as :

a)WAVE18 b)Indianami18 c)**IOWave18**  
d)TWAVE18

26. Consider the following statements

1.Prime Minister Narendra Modi inaugurated Parakram Parv exhibition at the military station in Jodhpur.

2.Parakram Parv will be celebrated every year on the remembrance of Surgical Strikes

Which of the following is/are true

a)Only 1 b)Only 2 c) **Both 1 and 2** d)None of the above

27. Government has set up an eight-member Lokpal Search Committee under the Chairmanship of:

a)Justice M B Shah b)Amitabh Chaudhry

c)**Justice Ranjana Prakash Desai** d)Deepak Parekh

28. find the incorrect one :

a) The International Aviation Summit 2018 was held recently in New Delhi.

b)The International Women Entrepreneurs Summit 2018 was held recently under theme of "Equality begins with Economic Empowerment" in Kathmandu.

c) **India and the US held the first edition of the two-plus-two talks in New York.**

d)The World Hindu Congress under the theme 'think collectively, achieve valiantly' held recently in Chicago.

29. The Union Minister for Tourism (IC), Mr. K.J. Alphons recently launched the \_\_\_\_\_ Mobile App on World Tourism Day.

a)**Incredible India**

b)Atulniya Bharat

c)Digital Tourism

d)Tour India

30. World Tourism Day is celebrated on 27th September .What was the theme of World Tourism Day-2018?

a)Sustainable Tourism – a Tool for Development

b)**Tourism and the Digital Transformation**

c)Tourism for all – promoting universal accessibility

d)Tourism and Water: Protecting our Common Future

31. Consider the following statements

1.The Indian Air Force successfully test fired the indigenously developed Missile Astra. It is a/an Air-to-Air Missile.

2.Defence Research and Development Organisation (DRDO) successfully flight tested the indigenously developed surface-to-surface tactical missile named Prahar.

Which of the following is/are true

a)Only 1 b)Only 2 c) **Both 1 and 2** d)None of the above

32. Consider the following statements

1.Recently IPC Section 497 was struck down by supreme court, this section is related to Dowry.

2. The Supreme Court struck down Section 57 of the Aadhaar Act that allowed private companies to avail Aadhaar data, calling the section unconstitutional.

Which of the following is/are true

a)Only 1 b)**Only 2** c) Both 1 and 2 d)None of the above

33. \_\_\_\_\_ has received \$57.1 billion, the biggest loan package ever from the International Monetary Fund (IMF)?

- a) Turkey
- b) Pakistan
- c) Venezuela
- d) **Argentina**

34. Consider the following statements

1. Prime Minister Narendra Modi recently inaugurated Pakyong Airport in Sikkim, its first and only airport.

2. Prime Minister Narendra Modi has inaugurated a new airport at Jharsuguda which is situated in Odisha.

Which of the following is/are true

- a) Only 1
- b) Only 2
- c) **Both 1 and 2**
- d) None of the above

35. Consider the following statements

1. On 23rd September 2018, Prime Minister Narendra Modi has launched Ayushman Bharat - Pradhan Mantri Jan Aarogya Yojana from Jharkhand.

2. Under this scheme, over 10 crore families will be provided health assurance worth five lakh rupees each, every year.

Which of the following is/are true

- a) Only 1
- b) Only 2
- c) **Both 1 and 2**
- d) None of the above

36. Find the incorrect one :

- a) Recently, Mrs. Anna Rajam Malhotra passed away. She was independent India's First woman IAS officer.
- b) Germany has rolled out the world's first hydrogen-powered train.
- c) **Ms. S. Mirabai Chanu was recently awarded with Rajiv Gandhi Khel Ratna 2018. She belongs to Shooting sports.**
- d) Virat Kohli also awarded Rajiv Gandhi Khel Ratna 2018.

37. Which movie has been chosen to represent India in the Best Foreign Language category at the 91st Academy Awards?

- (a) **Village Rockstars by Rima Das**
- (b) Newton
- (c) Secret Superstar
- (d) Padmavat

38. Bangladesh's Cabinet has approved a draft agreement with India to enable New Delhi to use the \_\_\_\_\_ and \_\_\_\_\_ ports for the movement of goods to and from northeast India.

- a) Mongla and Sonadia
- b) Kutubdia and Mongla
- c) Kutubdia and Sonadia
- d) **Chittagong and Mongla**

39. All-women crew of \_\_\_\_\_ has bagged the prestigious Tenzing Norgay National Adventure award for beating the odds in water with their enduring skills and sailing across the world for eight long months.

- a) INSV Ganga
- b) INSV Sagarratna
- c) INSV Sindhu
- d) **INSV Tarini**

40. Consider the following military exercises :

- 1. Yudh Abhyas 2018- India-US
- 2. MILEX-18, Pune- BIMSTEC Military Exercise
- 3. Mt Everest Friendship Exercise-2018 - Nepal-China
- 4. Nomadic Elephant-2018- Indo-Oman
- 5. SLINEX-2018- India- Sri Lanka
- 6. KAZIND- Indo-Kazakhstan
- 7. VOSTOK 2018- Russia's biggest military exercise since the Cold War
- 8. Rapid Trident – Ukraine with the United States and other NATO member countries

Choose the incorrect match :

- a) 2 and 5
- b) 2, 5 and 7
- c) **4 only**
- d) 2, 4 and 7

41. India and US have signed the COMCASA that will facilitate India to obtain critical defence technologies from the US, and access critical communication network to ensure interoperability among the US and the Indian armed forces. COMCASA stands for \_\_\_\_\_.

- a) Communications Commute and Security Agreement
- b) Commuted Compatibility and Security Agreement
- c) **Communications Compatibility and Security Agreement**
- d) Commuted Conference and Security Agreement

42. Find the correct statement / statements :

- a) Luka Modric (footballer) has been named UEFA Men's Player of the Year for 2017/18.
- b) Naomi Osaka (of Japan) has defeated Serena Williams to win the U.S Open 2018.
- c) In the US Open Tennis 2018 tournament, Novak Djokovic of Serbia defeated Juan Martin del Potro of Argentina.
- d) **All a,b,c are correct.**

43. Firdausi, Alberuni and Utbi lived in the court of :

- a) Muhammad Ghori
- b) **Mahmud Ghazanavi**
- c) Allauddin Khalji
- d) Qutubddin Aibak

44. Consider the following statements about Mahmud Ghazanavi :

- 1. Mahmud is said to have made 17 raids into India. The initial raids were directed against the Hindushahi rulers who at the time held Peshawar and the Punjab.



2. The purpose of these raids was to acquire wealth for his Central Asian campaigns  
3. His most daring raids, however, were against Kanauj in 1018, and against Somnath in Gujarat in 1025 (16th raid).

Find the correct one :

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

45. Who wrote "Shahnamah" ?

a) Alberuni b) Utbi c) **Firdausi** d) Amir khusro

46. Choose the incorrect statement about Muhammad Ghori :

- a) In 1178, he attempted to penetrate into Gujarat by marching across the Rajputana desert. But the Gujarat ruler Bhima II completely routed him in a battle near Mount Abu.  
b) In the first battle of Tarain, 1191, Prithvi Raj Chauhan defeated him.  
c) In the second battle of Tarain, 1192, He defeated Prithvi Raj Chauhan.  
**d) In Battle of Chandawar, 1194, he defeated Bhima II of Kannauj.**

47. Find the incorrect match (sultan : title)

- a) Qutubuddin Aibak - lakhbaksh  
b) Allauddin Khalji - Sikandar-i-sani  
c) Ghiyasuddin Tughlaq - Ghazi Malik  
**d) none.**

48. Consider the following statements:

1. He is considered as the real founder of the Delhi Sultanate  
2. He changed his capital from Lahore to Delhi.  
3. He refused asylum to Jalal-ud-din Mangabarani (prince of Khwarizm), when Changez Khan was chasing him.  
4. He introduced the silver Tanka and the copper Jital – the two basic coins of the Sultanat period.  
5. He constitutes Turkan-i-Chahalgani.  
6. He introduced the Iqta system.

About statements are about which Sultan of Delhi ?

- a) Iltutmish** b) Qutubuddin Aibak c) Allauddin Khalji  
d) Muhammad Bin Tughlaq

49. Which Sultan's reign is known for monopoly of Turkish nobility ?

- a) Balban** b) Qutubuddin Aibak c) Allauddin Khalji  
d) Muhammad Bin Tughlaq

50. Consider the following statements about Balban :

1. He destroyed the institution of forty / turk-i-chahalgani.  
2. He was known for his Blood and Iron Policy.  
3. He appointed spies (Barids) for inspecting the activities in his empire.

4. He initiated many Persian rituals in his court e.g. sijda, paibos, nauroj etc.

Find the incorrect one

- a) 1 only b) 2 only c) 3 only **d) none**

51. Which Sultan of Delhi Sultanat never sat on the throne and he used to sit on the carpet in front of the throne with his nobles to gain their recognition and support.

- a) Bahlul Lodi** b) Khizr Khan c) Razia d) Firuz Shah Tughlaq

52. Consider the following statements:

1. He was a fanatical Muslim and he broke the sacred images of the Jwalamukhi Temple at Naga Kot and ordered the temples of Mathura to be destroyed.  
2. He was a great poet himself and wrote verses in Persian under the pen name of Gulrukhi.  
3. He set an efficient espionage system and introduced the system of audits of accounts.  
4. He founded the city of Agra.

Above statements are true about which Sultan of Delhi ?

- a) Iltutmish b) Firuz Shah Tughlaq **c) Sikandar Lodhi**  
d) Muhammad Bin Tughlaq

53. Consider the following statements about IBN BATTUTA :

1. He was a Libyan explorer/traveller  
2. He came to Delhi in 1334 during the reign of Md Bin Tughlaq and served as Qazi (judge) for 8 years.  
3. He is known for his extensive travels, accounts of which were published in the SAFARNAMA / Rihla (Journey) in Arabic.  
4. He opined that the death of Ghiyasuddin Tughlaq was due to sabotage schemed by his son Jauna Khan (MBT) and Sheikh Nizamuddin Aulia.

Find the incorrect one ;

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

54. Which Sultan of Delhi Sultanat is dubbed as "ill-starrer idealist" ?

- a) Iltutmish b) Firuz Shah Tughlaq c) Sikandar Lodhi  
**d) Muhammad Bin Tughlaq**

55. Who was the first ruler of the Delhi Sultanat to clearly put forward the view that the state should be based on the willing support of the governed, and that since the large majority of the people in India were Hindus, the state in India could not be truly Islamic state.

- a) Allauddin Khalji **b) Jallaluddin Khalji**  
c) Sikandar Lodhi d) Muhammad Bin Tughlaq

56. In which expedition, Amir Khusro gave first description of Jauhar :

- a) Ranthambore** b) Chittor c) Jaisalmer d) Jodhpur

57. Who introduced Chehra and Dagh ;

- a) **Allauddin Khalji** b) Jallaluddin Khalji  
c) Sikandar Lodhi d) Muhammad Bin Tughlaq

58. Musical instrument 'Sitar' was invented by-

- a) **Amir Khusro** b) Ramdas c) Tansen d) Haridas

59. The commander of Alauddin Khalji's forces during his Deccan Campaigns was \_\_\_?

- a) **Malik Kafur** b) Ainul Mulk Multani  
c) Nusrat Khan d) Ulugh Khan

60. Which Delhi Sultan brought two pillars of Ashoka from Topara and Meerut to Delhi?

- a) MBT b) Ghiyassuddin Tughlaq c) **Firoz Shah Tughlaq**  
d) None

61. Consider the following statements:

1. Antoine Lavoisier is regarded as father of modern chemistry.
2. Matter is physically classified into 5 major states.
3. Bose-Einstein condensation state is achieved by supercooling a gas.
4. Plasma state is achieved at a very high temperature & this is the state majorly responsible for plasma TV technology.

Choose the correct option:

- a. 1,3,4 only  
b. 1,2,3 only  
c. 2,3,4 only  
d. **All of the above**

62. Consider the following statements regarding conversion process from one state of matter to another.

1. Conversion of matter from solid to liquid is called fusion, while liquid to solid conversion is called freezing.
2. Conversion of matter from liquid to gaseous states is called evaporation, while gaseous to liquid state is called condensation.
3. Conversion of matter directly from solid state to gaseous state is called sublimation, while gas to solid is called reverse-sublimation/desublimation.

Choose the correct option:

- a. 2,3 only  
b. 1,3 only  
c. **All of the above**  
d. None of these

63. Consider the following statements regarding elements found in nature.

1. Elements are categorized into metals, non-metals & metalloids.
2. Non-metals are generally sonorous, lustrous & have high melting point.

3. Metals are generally malleable, ductile, & have high melting point & boiling point.
4. Metalloids possess characteristics of both metals as well as non-metals.
5. Water salt & alcohol are some of the elements used in daily life.

Choose the correct option:

- a. 1,2,3 only  
b. 1,3,4,5 only  
c. **1,3,4 only**  
d. All of the above

64. Consider the following statements regarding compounds:

1. Compounds are pure substances, because the composition of their constituents is always the same.
2. Organic compounds are said to be obtained from living organisms, for examples: proteins, fats etc.
3. Non-organic compounds are said to be obtained from non-living organisms, for examples: table-salt, oils, carbohydrates etc.
4. Properties of compounds are entirely different from the constituents it is composed of.

Choose the incorrect option:

- a. 1,3 only  
b. **3 only**  
c. 4 only  
d. 1,4 only

65. Which of the following is a sublime (sublimes which goes through sublimation process of conversion from solid to gas surpassing the liquid phase)?

1. Naphthalene
2. Iodine
3. Camphor
4. Ammonium chloride

Choose the correct option:

- a. 2,3 only  
b. 2,3,4 only  
c. 3,4 only  
d. **All of the above**

66. Which of the following process is used to separate two or more volatile liquids having different boiling points?

1. Distillation
2. Fractional distillation
3. Filtration
4. Sedimentation/gravity method
5. Chromatography

Choose the correct option:

- a. 1,2,3 only  
b. 1,3,4,5 only  
c. **1,2 only**  
d. All of the above

67. Which of the following is correctly matched?

1. Atoms having Same atomic no. but different mass no. --- isotopes
2. Atoms having Same mass no. but different atomic no. --- isotones
3. Atoms having Same no. of neutrons --- isobars
4. Atoms/ions having same no. of electrons --- isoelectronic
5. Compounds having same molecular formula but different structures --- isomers

Choose the correct option:

- a. 1,2,3 only
- b. 1,3,4,5 only
- c. **1,4,5 only**
- d. All of the above

68. Consider the following statements regarding periodic table:

1. It is based on the modern periodic law/principle given by Mosley of increasing mass number.
2. Divided into 4 blocks namely, s,p,d,f.
3. Divided into 18 groups & 7 periods, 18<sup>th</sup> group elements are called as noble gases.
4. d-block elements are called inner-transition metal.
5. Generally Electronegativity as well as electron affinity goes on increasing as we move from left to right in periodic table.
6. Generally Atomic radius increases as we move from left to right & top to bottom in the periodic table.

Choose the incorrect statement:

- a. 2,3,4 only
- b. 1,3,4,5 only
- c. **1,4,6 only**
- d. All of the above

69. Choose incorrect statement regarding chemical bonds:

- a. Covalent bond is formed by mutual sharing of electrons by atoms, Dative bond/co-ordinate bond is a special type of covalent bond where electrons donated by one atom is shared by both atoms.
- b. Ionic bond is stronger than covalent bond which is stronger than hydrogen bonds.
- c. **As per increasing bond strength/energy, single bond > double bond > triple bond.**
- d. A triple bond has one sigma bond & 2 pi-bonds in it.

70. Consider the following statements regarding redox reaction:

1. Addition of Oxygen/electronegative elements is called as oxidation.

2. Addition of hydrogen/electropositive elements is called as reduction.
3. Apple turns brownish/red if kept in air after eating some part of it, because of reduction of iron present in it.
4. Rusting of iron, combustion, conversion of food to energy in our body is due to oxidation process.

Choose the correct statement:

- a. 1,2,3 only
- b. 1,3,4 only
- c. **1,2,4 only**
- d. All of the above

71. Consider the following statements:

1. Milk is an emulsion of fat in water.
2. Platinum is also called as 'white gold'.
3. Nichrome wire is used in electrical heater is an alloy of nickel, chromium, iron.
4. Calcium hydride is used to prepare fire proof & waterproof clothes.
5. Iron pyrites is known as fool's gold.

Choose the correct statement:

- a. 1, 2,5 only
- b. 3,4,5 only
- c. 1,2,4,5 only
- d. **All of the above**

72. Match the following:

- |                    |                                    |
|--------------------|------------------------------------|
| 1. Brass           | A. copper+tin                      |
| 2. Bronze          | B. copper+zinc                     |
| 3. Solder          | C. lead+tin                        |
| 4. Stainless steel | D. iron+nickel<br>+chromium+carbon |

Choose the correct option:

- a. 1-D, 2-B,3-C, 4-A
- b. **1-B, 2-A, 3-C, 4-D**
- c. 1-C, 2-A, 3-B, 4-D
- d. None of these

73. choose the incorrect statements regarding acids & base.

- a. Acids tastes sour, can turn blue litmus into red, HCl which is found in human stomach is a strong acid, while acetic acid is a weak acid.
- b. Base tastes bitter, can turn red litmus into blue, sodium hydroxide is strong base, while milk of magnesia is a weak base.
- c. Formic acid is found in Ants sting, while oxalic acid is present in tomato which is used to remove rust spots.
- d. **Water is an amphoteric substance, pH of human blood is around 7.4, while the human urine is basic due to presence of uric acid.**

74. choose incorrect statement:

- All the ores are minerals, while all the minerals are not ores.
- Calcination is heating of ores in absence/limited supply of air while roasting is heating of ores in abundance of air.
- Smelting process is heating of ores below melting point in presence of charcoal/coke.**
- Metals are extracted through electrolytic process from Less reactive ores such as chile-salt peter.

75. consider the following statements regarding organic compounds:

- Carbon is a tetravalent atom & hence has a tendency to form covalent bonds.
- Methane+ethane(small fraction) used as CNG, 'Propane + butane' used as LPG are saturated hydrocarbon.
- Ethanol is used as drinking alcohol, also used as cleansing agent while diluted.
- Formaldehyde is used in preserving biological specimens such as frogs etc.
- Esters are used in formation of soaps & detergents.

Choose the correct statement:

- 1, 2,5 only
- 3,4,5 only
- 1,2,4,5 only
- All of the above**

76. consider the following statements regarding GST in India:

- The GST was launched at midnight on 1 July 2017, by the then President Pranab Mukherjee.
- GST is a direct tax subsuming almost all the indirect taxes applied in the country (India).
- It is said to be the biggest reform in Indian tax history, which is aimed at uniformity of taxes.
- Goods and Services Tax Network (GSTN) is a non-profit organisation formed to provide IT infrastructure and services to the Central and State Governments, tax payers and other stakeholders for the implementation of GST.
- GSTN earlier made a non govt organisation is now completely owned by GOI.

Choose the correct statement:

- 1, 2,5 only
- 3,4,5 only
- 1,3,4,5 only**
- All of the above

**77. Which of the following tax is levied at each stage of production?**

- Service tax
- Value added tax**
- Income tax
- Custom duty

**78. choose incorrect statement?**

- Tax heaven--A country which gives tax exemptions to the foreign citizens that there will be no-tax/low-tax on investing the money in their country.
- DTAA--- or Double Taxation Avoidance Agreement is a tax treaty signed between India and another country ( or any two/multiple countries) so that taxpayers can avoid paying double taxes on their income earned from the source country as well as the residence country. India has DTAA with around 88 countries.
- Round tripping--money from a country (eg. India) flows to a foreign country (Mauritius) and comes back as foreign direct investment to India.
- P-Notes or PNs --are instruments issued by registered foreign institutional investors to Indian investors, who wish to invest in the Indian stock markets without registering themselves with the market regulator - SEBI.**

79. consider following statements regarding budget in India:

- Budget is an annual financial statement of Income & expenditure by the govt.
- From 2017 onwards budget is presented on 1<sup>st</sup> feb earlier it was presented on last day of feb.
- After 92 years, From 2017 onwards the railway budget & general budget were combined, earlier railway budget used to be presented separately since 1924.
- This year (2019) finance minister Arun Jaitley is going to present his 5<sup>th</sup> budget in row which will be an interim budget.

Choose the correct statement:

- 1,2,3 only**
- 1,3,4 only
- 1,2,4 only
- All of the above

80. consider following statements regarding history of budget in India:

- 1<sup>st</sup> budget in India was presented by James Wilson.
- 1<sup>st</sup> budget in Independent India was presented by R.K Sanmukham chhetty.
- 1<sup>st</sup> budget of republic of India was presented by John Mathai.
- 1<sup>st</sup> interim budget was presented by C.D Deshmukh.

Choose the correct statement:

- 1,2,3 only
- 1,3,4 only
- 1,2,4 only
- All of the above**

81. Revenue Budget has two part revenue income & revenue expenditure. Which of the following makes a part of revenue income?

- Taxes
- Fines & dues
- Grant in aid to states
- Subsidies
- Profits/dividends by Govt. organisations

Choose the correct statement:

- 1, 2,3 only
- 3,4,5 only
- 1,2,4,5 only
- 1,2,5 only**

82. which of the following can be the objectives of a budget in an economy?

- Reduction in inequality by Redistribution of income.
- Reduction in poverty & unemployment by generating new employment avenues.
- GDP growth & economic prosperity by initiatives for raising per capita income to increase the standard of living.
- All of the above.**

83. One of the objectives of India's economic policy is Fiscal Consolidation (policies undertaken by Governments at national and state levels to reduce their deficits). Which of the following would help in fiscal consolidation ?

- increasing taxes
- Expanding govt. organisations/companies in order to achieve higher dividends/profits
- getting more loans
- reducing subsidies
- increasing farm loan waivers

Choose correct option:

- 1, 2, 5 only
- 1, 2, 3 only
- 2, 3 & 5 only
- 1, 2, 4 only**

84. Indirect taxes are sometimes called as regressive tax (although they are not regressive in true sense) because:

- Point of Impact & Point of incidence is same.
- Taxes on the basis of percentage of output.
- Tax is similar on a commodity for both Higher income group as well as lower income group.**
- Indirect taxes are applied on the basis of Proportion of assets.

85. Match the following:

- Charged on gain in capital/assets.  
A. specific tax
- Tax on the basis of percentage of output.  
B. Ad-valorem tax
- Tax on the basis of size of commodity.  
C. capital gains tax
- Tax on tax which goes to consolidate fund of India.  
D. Cess
- Tax on tax which don't goes to consolidate fund of India.  
E. surcharge

Choose the correct option:

- 1--C, 2--B, 3--A, 4--E, 5--D**
- 1--C, 2--B, 3--A, 4--D, 5--E
- 1--B, 2--C, 3--A, 4--E, 5--D
- 1--C, 2--A, 3--B, 4--D, 5--E

86. 'Agricultural income tax (a direct tax levied by 6 states in India)' was recently in news. In this context find out the states in India which levy this tax.

- Tamil Nadu & Kerala
- Assam & West Bengal
- Bihar & Odisha
- Punjab & Himachal Pradesh

Choose the correct option:

- 1,2,3 only**
- 1,3,4 only
- 1,2,4 only
- All of the above

87. choose the incorrect match:

- Acworth committee—recommended separate railway budget---1920
- Asim das gupta committee---designed GST in India ---2000
- Kelkar committee---recommended GST---2002
- None of these**

88. BEPS "base erosion & profit shifting" a phrase recently seen in news is related to:

- Public sector companies
- Private sector companies
- Shell companies in tax heavens**
- Non-Government organisations

89. consider following statements:

- A tax on international financial transactions (conversion of one currency to other), especially to check speculative currency flows.—Tobin tax
- A tax on bodies hving negative externalites, such as pollution causing industries---Pigouvian tax.
- General anti tax avoidance rule applicable for BEPS (base erosion & profit shifting)---

GAAR(effective from financial year 2017-18 onwards)

4. budgetary room that allows a government to provide resources for public purposes without undermining fiscal sustainability.—Fiscal space

Choose the correct option:

- a. 1,2,3 only  
b. 1,3,4 only  
c. 1,2,4 only  
**d. All of the above**

90. “Go for reforms but watch out fiscal deficit, Economic Advisory Council tells govt ahead of budget 2019-20 “. Which of the following statements are correct regarding fiscal deficit:

1. Total expenditure-total receipt -borrowings  
2. It is generally the borrowings done by Govt to fulfill budget deficit  
3. The part of fiscal deficit which is financed through borrowings from RBI is called monetized deficit

Choose the correct option:

- a. 1 only  
b. 1,2 only  
c. 1,3 only  
**d. All of the above**

91. which of the following statement is incorrect?

- a. Bijli mahadev temple is one of the most striking temple in kullu, where 20 meter tall image is supposed to attract special blessings from the skies in the form of lightening.  
b. Bajeshwar mahadev temple is a SIKHARA style pyramidal temple belonging to 8<sup>th</sup> A.D.  
c. Jagannath temple shrine gets a panoramic view of kullu town.  
**d. None of these.**

92. which of the following statement is incorrect about Mani Mahesh temple?

- a. Mani Mahesh temple is built by Meru Verma.  
b. There is a lake which is supposed to be blessed by kali & protected by lord shiva.  
c. It lies near the base of a peak in the manimahesh range.  
**d. This temple is in Kangra distt.**

93. which of the following statement is incorrect about HIDIMBA devi temple?

- a. Also known as doongri temple dedicated to goddess hidimba.  
b. Built by raja bahadur singh in 1553 A.D.  
c. On kings order both the hands of chief workman were chopped, so that he could not built another temple of equal charm & style.  
**d. None of these.**

94. which of the following is incorrect match?

- a. Lakshana devi temple—in bharmaur---made by meru verma  
b. Shakti devi temple—in bharmaur---made by meru verma  
c. Kamleshwar temple—in saho---made by sahil verma  
**d. None of these**

95. NAINA DEVI temple is built by:

- a. Raja jagat singh  
b. Raja sansar chand  
**c. Raja veer chand**  
d. Raja ajay verma

96. which of the following statement is correct?

- a. In the whole Himalayan region, the earliest specimen of the nagara-style is possibly represented by a series of monolithic temples at MASRUR in kangra valley.  
b. These temples belongs to 8<sup>th</sup> century A.D.  
c. Common in western & southern India but unknown in rest of the himalyas.  
**d. All are correct.**

97. which of the following are mandapa style temples matched incorrectly with their place?

- a. Vidyanath temple at baijnath  
b. Triloknath temple at mandi  
c. Pachvaktra temple in mandi  
**d. Ardh Nareshwar temple in kullu.**

98. which of the following statement is incorrect?

- a. The shiva temple at trilokpur,kangra & baba deo sidh temple,hamirpur are cave temples.  
b. Bhimkali mandir at sarahan, is a pagoda style temple.  
**c. Tabo monastery is budhist temple located in tabo village of kinnaur distt.**  
d. None of these

99. which of the following statement is incorrect?

- a. The prashar temple of mandi is built by raja ban sen  
b. It is built in 1346 A.D  
**c. It is not a pagoda style temple**  
d. There are numerous pagoda style temples in Mandi,kullu, & kinnaur regions.

100. which of the following is not matched correctly?

- a. Shakti devi temple--in chatrari—chamba  
b. Dakhni mahadev—nirmand—kullu  
c. Kamrunag temple—near chowki—mandi  
**d. None of these**



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