

Que-1 With respect to Pulsars, consider the following statements

1- Pulsars are highly magnetized spinning neutron stars that form at the beginning of the star formation.

2- As pulsars spin, they release a stream of radio waves from their poles — a 'pulse' that can be detected using radio telescopes.

3- Astronomers use pulsars to test theories of gravity and to look for evidence of gravitational waves.

Which of the following given above is/are correct

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

Que-2 With reference to Virtual private network (VPN), consider the following statements

1- When switched on, essentially creates a safe network within the larger global network of the internet.

2- It masks the IP address of the user by rerouting the data.

3- In essence, a VPN creates several proxy identities for data and delivers it safely without disturbing the content of the data.

Which of the following given above is/are correct

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

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

Que-3 With reference to recently launched 'CAPF Punarvaas', consider the following statement

1- An aim to facilitate retired Central Armed Police Force (CAPF) and Assam Rifle personnel to secure employment with private security agencies.

2- Launched through the Welfare & Rehabilitation Board (WARB).

3- Launched by Ministry of Communication.

Which of the following given above is/are correct

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

Que-4 Which is/are true about Pangolin

1- Pangolin is not commonly found in a State like Rajasthan and is threatened by hunting for its meat and various body parts, which are used in traditional medicines.

2- The International Union for Conservation of Nature (IUCN) lists Indian pangolin as vulnerable animal.

3- Pangolins are reptiles.

Which of the following given above is/are correct

- a) 1 and 2 only b) 1 only

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

Que-5 Consider the following statements about United Nation Security Council

- 1- The Security Council has primary responsibility for the maintenance of international peace and security.
- 2- It has 20 Members, and each Member has one vote.
- 3- While other organs of the United Nations make recommendations to member states, only the Security Council has the power to make decisions that member states are then obligated to implement under the Charter.

Which of the following given above is/are correct

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

Que-6 Consider the following statements about Indian Women's Press Corps (IWPC), recently in News

- 1- The IWPC is India's first association of women journalists.
- 2- It was founded in 1954 by 18 women journalist.
- 3- A support group to ensure that women are heard and get credit for their work.

Which of the following given above is/are correct

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

Que-7 With reference to Monkeypox, recently in News, consider the following statements

- 1- Monkeypox is a zoonosis.
- 2- The monkeypox virus is an orthopoxvirus, which is a genus of viruses that also includes the variola virus, which causes smallpox.
- 3- Monkeypox causes symptoms similar to smallpox, but they are more severe.

Which of the following given above is/are correct

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

Que-8 Consider the following statements about The State of the World's Birds, an annual review of environmental resources, recently released

- 1- 13.5% of 10,994 recognised extant species are currently threatened with extinction.
- 2- The degradation and loss of natural habitats, as well as direct overexploitation of many species, are the key threats to avian biodiversity.

3- Apart from tropical forests, the threat of natural grasslands has been particularly worrying for North America, Europe, and India.

Which of the following given above is/are correct

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

ANSWER

1- (d)

- Pulsars are highly magnetized spinning neutron stars that form from the collapsed remnants of exploded stars.

2- (c)

- Any and all devices connected to the internet are a part of a large network of computers, servers and other devices spread across the world. To identify each device connected to the internet, service providers globally assign a unique address to each such device called the internet protocol address or IP address. It is this IP address that helps websites, law enforcement agencies and even companies track down individual users and their accurate location.
- A virtual private network, when switched on, essentially creates a safe

network within the larger global network of the internet and masks the IP address of the user by rerouting the data. Acting as a tunnel, a VPN takes data originating from one server and masks it in a different identity before delivering it to the destination server. In essence, a VPN creates several proxy identities for your data and delivers it safely without disturbing the content of the data.

3- (a)

- Launched by Ministry of Home Affairs.
- The portal will help retired personnel seeking re-employment to find an appropriate match by uploading their personal details on the WARB website along with their area of expertise and preferred employment location.

4- (b)

- The International Union for Conservation of Nature (IUCN) lists Indian pangolin as an endangered animal.
- Pangolins are mammals.

5- (b)

- It has 15 Members, and each Member has one vote.
- Under the Charter of the United Nations, all Member States are

obligated to comply with Council decisions.

- All members of the United Nations agree to accept and carry out the decisions of the Security Council. While other organs of the United Nations make recommendations to member states, only the Security Council has the power to make decisions that member states are then obligated to implement under the Charter.

6- (a)

- It was founded in 1994 by 18 women journalists, who after working for more than a decade in newsrooms realised the critical need for a support group for women scribes in a profession dominated by men. The 18 journalists pooled in Rs 1000 each and set up a trust and a support group to ensure that women are heard and get credit for their work.

7- (a)

- The monkeypox virus is an orthopoxvirus, which is a genus of viruses that also includes the variola virus, which causes smallpox, and vaccinia virus, which was used in the smallpox vaccine. Monkeypox causes symptoms similar to smallpox, although they are less severe.

- Monkeypox is a zoonosis, that is, a disease that is transmitted from infected animals to humans. According to the WHO, cases occur close to tropical rainforests inhabited by animals that carry the virus. Monkeypox virus infection has been detected in squirrels, Gambian poached rats, dormice, and some species of monkeys.

- The CDC's monkeypox overview says the infection was first discovered in 1958 following two outbreaks of a pox-like disease in colonies of monkeys kept for research — which led to the name 'monkeypox'.

8- (c)
