

Que-1 With reference to Indo-Pacific Economic Framework (IPEF), consider the following statements about

- 1- It is an economic initiative recently launched by United States President Joe Biden.
- 2- The framework launched with a total of forty participating founding member nations.
- 3- The Indo-Pacific Economic Framework is relied on four pillars namely tax, anti-corruption, clean energy and data and privacy.

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) 3 only |
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Que-2 With reference to 'Taragiri', recently in News, consider the following statements

- 1- It is the fifth ship of Project 17A Frigates.
- 2- This ship has been built using an integrated construction methodology which involves hull block construction in different geographical locations and integration and erection on the slipway at the Mazagon Dock Shipbuilders (MDL).
- 3- Named after a hill range in Western Ghat.

Which of the following given above is/are correct

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|-----------------|-----------------|
| a) 1 and 2 only | b) 1 only |
| c) 1, 2 and 3 | d) 2 and 3 only |
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Que-3 Consider the following statements about a Project 17A Frigate

- 1- P17A ships have been designed in-house by Indian Navy's Warship Design Bureau which is the pioneer organization for all warship design activities of the Nation.
- 2- Under the P17A program, a total of ten ships, with 06 at Mazagon Dock Shipbuilders (MDL) and 04 at Garden Reach Shipbuilders & Engineers Ltd (GRSE) are under construction.
- 3- Four P17A Project ships (two each at MDL and GRSE) have been launched so far between 2019 and 2022.

Which of the following given above is/are correct

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|---------------|-----------------|
| a) 2 only | b) 1 and 3 only |
| c) 1, 2 and 3 | d) 2 and 3 only |
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Que-4 With reference to Gulf Cooperation Council (GCC), consider the following statements

- 1- The GCC is a regional, intergovernmental, political, and economic union.
- 2- It comprising Bahrain, Kuwait, Oman, Qatar, Saudi Arabia, and the United Arab Emirates.
- 3- The council's main headquarters is located in Muscat, Oman.

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 only

Que-5 Consider the following statements about Avian influenza (H5N1)

- 1- It is a type of influenza virus that causes a highly infectious, severe respiratory disease in birds called avian influenza (or "bird flu").
- 2- Human cases of H5N1 avian influenza occur occasionally, but it is very easily transmitted from person to person.
- 3- The mortality rate in humans is about 60%.

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-6 With reference to Superbugs, consider the following statements

- 1- Superbugs are resistant to multiple drugs and are increasingly resistant to most available antibiotics.
- 2- Superbugs, which are gram-negative bacteria, have built-in abilities to find new ways to be resistant and can pass along genetic materials that allow other bacteria to become drug-resistant as well.
- 3- Superbugs accounted for 73.3% of all blood infections cases and 53.1% of urinary tract infections (UTI) cases in Indian ICUs.

Which of the following given above is/are correct

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

Que-7 Consider the following statements about Rabies

- 1- Rabies is a disease that is caused by a family of viruses called the lyssaviruses and found in a range of mammals.
- 2- The virus targets the kidney and is nearly 100% fatal to the host animal if it succeeds in infecting it.
- 3- Though many animals from cats to crocodiles can be transmitters of the virus, it is most likely to spread to people from the

bite of an infected dog or a cat as they are the most common pets.

Which of the following given above is/are correct

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

Que-8 Every five years, the nearly 200 member states of the Treaty on the Nonproliferation of Nuclear Weapons meet to review their progress — or lack thereof.

The treaty has three core missions:

- 1- Preventing the spread of nuclear weapons to states that do not have them.
- 2- Ensuring civil nuclear energy programs do not turn into weapons programs.
- 3- Facilitating nuclear disarmament.

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 only

ANSWER

- 1- (b)
- The framework launched with a total of fourteen participating founding member nations, with the late entry of Fiji, the first South Pacific Island to join, with an open invitation for other countries to join at any time.

The four themes of the proposed IPEF are:

- Fair and resilient trade
- Supply chain resilience
- Infrastructure, clean energy, and decarbonization
- Tax and anti-corruption

- 2- (a)
- Named after a hill range in Himalayas located at Garhwal.

- 3- (b)
- The first ship of Project 17A, 'Nilgiri', was launched on September 28, 2019, and is expected for sea trials in the first half of 2024.
 - The second ship of the 'Udaygiri' class under the project was launched on May 17 this year. It is expected to start sea trials during the second half of 2024.

- Under the P17A program, a total of seven ships, with 04 at Mazagon Dock Shipbuilders (MDL) and 03 at Garden Reach Shipbuilders & Engineers Ltd (GRSE) are under construction.

4- (a)

- India enjoys traditionally cordial relations and cooperation with the GCC.
- India's old, historical ties with the GCC states, coupled with increasing imports of oil and gas, growing trade and investment, and the presence of approximately 6.5 million Indian workers in the region, are of vital interest to India.
- The council's main headquarters is located in Riyadh, Saudi Arabia.

5- (b)

- Human cases of H5N1 avian influenza occur occasionally, but it is difficult to transmit the infection from person to person.

6- (c)

- Hospital-acquired infections (HAIs) is an infection that a patient gets due to an extended stay in the hospital – for instance, patients on ventilator for long periods, or urinary catheter.
- Superbugs accounted for 73.3% of all blood infections cases and 53.1% of

urinary tract infections (UTI) cases in Indian ICUs. The survey also observed that 38.1% of the patients with bloodstream infections and another 27.9 percent with UTIs died within a 14-day period. The study, however, added that HAIs were possibly a complication associated to the infection and not the direct cause of death.

- The presence of superbugs is an indicator of resistance to older antibiotics and the need for last-resort antibiotics such as carbapenem and colistin that are expensive.

7- (b)

- The virus targets the central nervous system and is nearly 100% fatal to the host animal if it succeeds in infecting it.

8- (c)
