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**Q.1) 'Surabaya' is a port city of**

- a) Java
- b) Borneo
- c) Sulawesi
- d) Flores

**Q.1) Solution (a)**

Surabaya is a port city on the Indonesian island of Java. It is the capital of East Java province in Indonesia.

Source: <http://pib.nic.in/PressReleaseDetail.aspx?PRID=1552528>

**Q.2) Consider the following statements with respect to 'INS Rana'**

1. It is a Rajput-class destroyer
2. It was built in the former Soviet Union after considerable Indian design modifications to the Akula design

**Select the correct statements**

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

**Q.2) Solution (a)**

INS Rana is a Rajput-class destroyer in active service with the Indian Navy. She was commissioned on 28 June 1982.

She is a redesigned Soviet Kashin-class guided missile destroyer.

The Rajput-class guided-missile destroyers built for the Indian Navy are modified versions of Soviet Kashin-class destroyers. They are also known as Kashin-II class. The ships were built in the former Soviet Union after considerable Indian design modifications to the Kashin design. These included the replacement of the helicopter pad in the original design with a flight elevator, as well as major changes to the electronics and combat systems. Five units were

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built for export to India in the 1980s. All units are currently attached to the Eastern Naval Command.

Source: <http://pib.nic.in/PressReleaseDetail.aspx?PRID=1552528>

### Q.3) Consider the following statements with respect to 'Wellcome Trust'

1. It is an independent charity funding research to improve human and animal health
2. It is based out of United Kingdom

#### Select the correct statements

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

### Q.3) Solution (c)

The Department of Biotechnology (DBT) under the Ministry of Science and Technology, in collaboration with the Wellcome Trust, to support a three-tier fellowship programme on biomedical research at post-doctoral level, celebrated 10 years of their joint partnership.

The Wellcome Trust is an independent charity funding research to improve human and animal health.

Established in 1936 and with an endowment of around £15 billion, it is the largest non-governmental source of funds for biomedical research in the United Kingdom.

The aim of setting up the fellowship jointly with Wellcome Trust was to create a system comparable to the best in the world, taking India on the path of becoming a leader in key areas of life sciences and biomedical research.

Source: <http://pib.nic.in/PressReleaseDetail.aspx?PRID=1552533>

### Q.4) Consider the following statements with respect to 'Monogenic diabetes

1. It is a rare type of diabetes that's caused by a single gene mutation
2. Maturity Onset Diabetes of the Young (MODY) is one of the forms of the Monogenic Diabetes

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### Select the correct statements

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

### Q.4) Solution (c)

A National Monogenic Diabetes Study Group has been formed to identify cases of monogenic diabetes across the country. Supported by the Indian Council of Medical Research (ICMR), the Madras Diabetes Research Foundation (MDRF) and Dr. Mohan's Diabetes Specialities Centre (DMDSC) will be the national coordinating centre for the study group.

Monogenic diabetes is a group of disorders where mutation of a single gene causes diabetes; the three commonest forms being - Maturity Onset Diabetes of the Young (MODY), Neonatal Diabetes Mellitus (NDM) and Congenital Hypoglycaemia.

ICMR already has a young diabetics registry. As an off-shoot, a National Monogenic Diabetes Study Group has been formed with MDRF as the nodal centre. As of now, 33 doctors from across the country are ready to collaborate for this initiative.

Under this initiative, MDRF would provide guidelines to the collaborators for identifying monogenic diabetes.

Source: <https://www.thehindu.com/sci-tech/health/national-body-set-up-to-study-rare-form-of-diabetes/article25464656.ece>

### Q.5) Consider the following statements with respect to 'Kyaukpyu'

1. It is a major town in Rakhine State
2. India signed an agreement with Myanmar on building a deep-water port at Kyaukpyu

### Select the correct statements

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

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### Q.5) Solution (a)

It is a major town in Rakhine State, in western Myanmar. It is located on the north western corner of Yanbye Island on Combermere Bay, and is 250 miles (400 km) north-west of Yangon. It is the principal town of Kyaukpyu Township and Kyaukpyu District. The town is situated on a superb natural harbor which connects the rice trade between Kolkata and Yangon.

Beijing signed an agreement with Naypyidaw on building a deep-water port at Kyaukpyu on Myanmar's Arakan coast in the Bay of Bengal. The port will form an important part of the China-Myanmar Economic Corridor, which would connect Kyaukpyu to the Yunnan province in southwestern China via rail and highways.

China has already built an oil and gas pipeline system that moves hydrocarbons from Kyaukpyu to inland China. The Kyaukpyu port has been under discussion for many years between China and Burma. Fear of being driven into a debt trap compelled Naypyidaw to scale down the project from an ambitious one priced at \$7.2 billion to \$1.3 billion.

Source: <https://indianexpress.com/article/opinion/columns/narendra-modi-singapore-visit-look-east-policy-shangri-la-dialogue-andaman-sea-5443200/>

