## Q.1) Consider the following

- 1. Chernobyl is located in Belarus.
- 2. Uranium 235 was released in the environment causing a nuclear disaster in Chernobyl.

Select the correct option with respect to Chernobyl nuclear disaster.

- a) 1 only
- b) 2 only
- c) Both
- d) None

Q.1) Solution (d)

• Following are the radioactive substances released during the C nuclear disaster.

Radioactive substance	half-life	EBq
iodine-131	8.04 days	1.760
caesium-137	30 years	0.085
strontium-90	29.12 years	0.010
plutonium-241 (which decays into Americium-241)	14.4 years 430 years	

- Chernobyl is located in Ukrainian part of former USSR.
- Recently Chernobyl nuclear disaster marked 30 year.

Q.2) Bedaquiline an effective drug used to treat which one of the following diseases:

- a) Measles
- b) MDR Tuberculosis
- c) Diarrhoea
- d) Malaria

Q.2) Solution (b)

- Bedaquiline an effective drug used to treat MDR Tuberculosis.
- Click <u>here</u> to read the news.

## Q.3) Consider the following

- 1. Diabetes is a metabolic disease.
- 2. Frequent thirst, increased hunger are some of the symptoms of Diabetes.
- 3. There are only two types of Diabetes, i.e. Type 1 and Type 2.
- 4. "Beat diabetes" is the theme 2016 World health day.

Select the correct option with respect to Diabetes

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

Q.3) Solution (c)

- Diabetes is metabolic (A metabolic disorder can happen when abnormal chemical reactions in the body alter the normal metabolic process.) disease in which there are high blood sugar levels over a prolonged period.
- Symptoms of high blood sugar include frequent urination, increased thirst, and increased hunger. If left untreated, diabetes can cause many complications.
- There are basically three types of diabetes namely Type 1, Type 2 and Gestational diabetes which is obtained during pregnancy.
- Beat diabetes is the theme of 2016 World health day.
- Click <u>here</u> to read the news.

Q.4) Consider the following statements.

- 1. WIPO (World intellectual property organisation) is an independent organization dealing with IPR issues.
- 2. TRIPS or Trade-Related Aspects of Intellectual Property Rights is an international agreement administered by WIPO.
- 3. In India Dept. of Industrial policy and promotion is the nodal agency to deal with issues relating to IPR, Patents, Copyrights etc

Select the correct option with respect to IPR

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

Q.4) Solution (c)

- WIPO (World intellectual property organisation) is one of the specialized agencies of UN.
- TRIPS or Trade-Related Aspects of Intellectual Property Rights is an international agreement administered by WTO.
- Click <u>here</u> to read the news.

Q.5) The menace of NPA is growing like never before. Consider the following statements with respect to NPA.

- 1. As per the new norms if the Interest and or/Instalment or principal remains overdue for a period of more than 3 months the loan is declared as NPA.
- 2. SARFAESI Act 2002 deals with cracking down on the wilful defaulters.

Select the incorrect option.

- a) 1 only
- b) 2 only
- c) Both
- d) None

Q.5) Solution (a)

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- As per the new norms if the Interest and or/Instalment or principal remains overdue for a period of more than 6 months the loan is declared as NPA.
- SARFAESI Act 2002 deals with cracking down on the wilful defaulters.
- Click <u>here</u> to read the news.

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