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**Q.1) 'Antiretroviral therapy (ART)' is concerned with**

- a) Human Immunodeficiency Virus
- b) Tuberculosis
- c) Parkinson's' Disease
- d) Leprosy

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

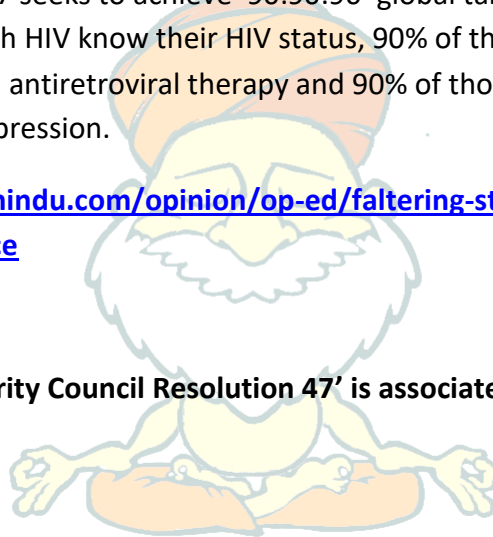
Antiretroviral therapy (ART) is the combination of several antiretroviral medicines used to slow the rate at which HIV makes copies of itself (multiplies) in the body. A combination of three or more antiretroviral medicines is more effective than using just one medicine (monotherapy) to treat HIV.

National Health Policy 2017 seeks to achieve '90:90:90' global target by 2020, implying that 90% of all people living with HIV know their HIV status, 90% of those diagnosed with HIV infection receive sustained antiretroviral therapy and 90% of those receiving antiretroviral therapy will have viral suppression.

Source: <https://www.thehindu.com/opinion/op-ed/faltering-steps-in-the-anti-aids-march/article28691834.ece>

**Q.2) 'United Nations Security Council Resolution 47' is associated with**

- a) Kashmir
- b) Sudan
- c) Palestine
- d) Korean Peninsula



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

United Nations Security Council Resolution 47, adopted on 21 April 1948, concerns the resolution of the Kashmir conflict.

Source: <https://indianexpress.com/article/explained/explained-UNSC-resolution-47-india-pakistan-on-kashmir-article-370-bifurcation-special-status-i5882939/>

**Q.3) The 'Pearl River Delta' includes which of the following regions?**

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1. Guangdong
2. Hog Kong
3. Macau

Select the correct statements

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

**Q.3) Solution (d)**

The Pearl River Delta Metropolitan Region, also known as Greater Bay, is the low-lying area surrounding the Pearl River estuary, where the Pearl River flows into the South China Sea. It is one of the most densely urbanized regions in the world.

**Regions**

- Guangdong
- Hong Kong
- Macau

Source: <https://www.thehindu.com/opinion/op-ed/hong-kong-adrift-and-china-without-an-anchor/article28872172.ece>



**Q.4) Which of the following statements about 'Glyphosate' is/are correct?**

- a) It is used to regulate plant growth and
- b) It is used to ripen fruit
- c) Both (a) and (b)
- d) Neither (a) nor (b)

**Q.4) Solution (c)**

**Glyphosate**

- It is an herbicide.
- It is applied to the leaves of plants to kill both broadleaf plants and grasses.
- The sodium salt form of glyphosate is used to regulate plant growth and ripen fruit.

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- It is a herbicide which is extensively used in Punjab to control a wide variety of weeds in almost all the crops.
- It has been observed to be a Group 2A cancer-causing material
- It is also known for causing other health problems and has the potential to damage human DNA

Source: <https://www.thehindubusinessline.com/economy/agri-business/farmers-groups-call-for-urgent-action-against-illegal-gm-crops/article28436429.ece>

**Q.5) Resource Assistance for Colleges with Excellence or RAC is a higher education model launched for distribution of faculties and movable assets among government colleges at district level so as to rationalise availability of resources. It is launched by which state?**

- a) Maharashtra
- b) Rajasthan
- c) Gujarat
- d) Karnataka

**Q.5) Solution (b)**

Rajasthan has launched a new higher education model titled- Resource Assistance for Colleges with Excellence or RACE, for distribution of faculties and movable assets among government colleges at district level so as to rationalise availability of resources.

With the adoption of this new model, all colleges would get equal opportunities for imparting quality education. RACE will give autonomy to small colleges and help them find solutions to their problems at local level. It will also help colleges situated in small towns facing shortage of faculties and infrastructure.

Source: <https://www.thehindu.com/news/cities/kolkata/rajasthan-launches-new-higher-education-model/article28828237.ece>