

## (Solution) Test-4 (REVISION CUM MOCK TEST-1)

renunciation and his preaching.

**Q Source:** 11th TN Textbook

### 10 Correct Answer : B

**Answer Justification :**

**Concept:** The Van Allen belts are a collection of charged particles, gathered in place by Earth's magnetic field.

- Most of the particles that form the belts are thought to come from solar wind and other particles by cosmic rays.
- By trapping the solar wind, the magnetic field deflects those energetic particles and protects the Earth's atmosphere from destruction.

**Justification:** Presumably the magnetic field of the Earth is generated by a dynamo effect that involves its rotation.

- If the Earth stopped rotating, its magnetic field would no longer be regenerated and it would decay away to some low, residual value due to the very small component which is 'fossilized' in its iron-rich rocks.
- There would be no more 'northern lights' and the Van Allen radiation belts would probably vanish, as would our protection from cosmic rays and other high-energy particles.

This is a significant biohazard.

**Q Source:** [https://www.nasa.gov/mission\\_pages/sunearth/news/gallery/ScienceCover.html](https://www.nasa.gov/mission_pages/sunearth/news/gallery/ScienceCover.html)

### 11 Correct Answer : C

**Answer Justification :**

**Justification:** Statement 1: It is store house of minerals like Iron ore, bauxite, gold, copper, coal, manganese, mica etc.

Statement 2: Black soil of the Deccan plateau is known for growing cotton.

Statement 3: Deccan plateau hosts the oldest rocks in India, so 3 is wrong. It is older than Himalayas.

Statement 4: Western Ghats is located in Peninsular plateau.

**Q Source:** 7th NCERT Geography

### 12 Correct Answer : B

**Answer Justification :**

**Justification:** Previously Indira Gandhi Matritva Sahyog Yojana (IGMSY), is a maternity benefit program run by the government of India.

Statement 1: It is only for pregnant and lactating women of 19 years of age or above for first two live births.

Adolescents are legally not permitted to marry and bear children.

Statement 2: This is for childbirth and childcare and to provide conditions for safe delivery and good nutrition and feeding practices.

**Q Source:** <http://www.hindustantimes.com/india-news/pradhan-mantri-replaces-indira-gandhi-in-govt-maternity-benefit-scheme/story-fXdoXoSfj9mLJHDXoQnBoM.html>

### 13 Correct Answer : C

**Answer Justification :**

**Justification:** This is the statement (translated) that appears in Vishnusmriti.

“Let him (the king) bestow landed property upon brahmanas.

To those upon whom he has bestowed (land), he must give a document, destined for the information of a future ruler, which must be written upon a piece of cloth, or a copper plate, or must contain the names of (three) immediate ancestors, a declaration of the extent of the land, and a description (of what results) from disrupting the donation and should be signed with his own seal. Let him not appropriate to himself landed property bestowed (upon brahmanas) by other rulers.”

**Q Source:** Vishnu Smriti - The Archaeology of Hindu Ritual:

<http://vle.du.ac.in/mod/book/view.php?id=5353&chapterid=1336>