

- 1) **Banskhera Inscriptions** - It is situated in the **Shahjahanpur district of Uttar Pradesh**. An inscription **dated AD 628** was found here in 1894. This inscription gives a lot of information regarding **Harsha**. The inscription says that Harsha had granted Markatsagar village to two brahmans-Balachandra and Bhattaswami. This also speaks of the victory of Rajyavardhana over the Malwa king Devagupta and the murder of Devagupta by Sasanka.
- 2) **Madhuban Inscription**- Madhuben is situated in Ghoshi tehsil of **Ajamgarh district of Uttar Pradesh**. A **Harsha inscription dated AD 631** has been found here. It mentions the grant of Somkunda village by Harsha.
- 3) **Two seals of Harsha** have been found in **Nalanda (Bihar) and Sonapat**. One is of clay, while the other is of copper. These seals contain the names of all the kings, from Rajyavardhana I to Harshavardhana, of the Vardhana dynasty. It is the **Sonapat seal** which gives Harshavardhana as the **full name of Harsha**.

Source: <https://medievalindia.wordpress.com/tag/inscriptions-seals-harsha-period/>

**Q.12)** With reference to Flex Fuel Vehicles, recently seen in news, consider the following statements:

1. It is a modified version of vehicles that can run both on petrol and ethanol blended petrol.
2. Running cost of such vehicles would be much lower as compared to traditional petrol vehicles.

Which of the statements given above is/are correct?

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

**Ans) a**

**Exp) Option a is correct**

**Statement 1 is correct.** Flexible fuel vehicles (FFVs) have an internal combustion engine and are capable of operating on petrol and any blend of petrol and ethanol up to 84%. FFVs will allow vehicles to use all the blends and also run on unblended fuel. FFVs have compatible engines to run on more than 84 per cent ethanol blended petrol.

**Statement 2 is incorrect.** The cost of ownership and running cost of FFVs is going to be very high compared with 100 per cent petrol vehicles. Running cost (due to lower fuel efficiency) will be higher by more than 30 percent when run with 100 percent ethanol (

E100). Ethanol also acts as a solvent and could wipe out the protective oil film inside the engine thereby could cause wear and tear.

Source: <https://www.etvbharat.com/english/national/business/business-news/what-are-ethanol-blended-flex-fuel-vehicles/na20210622115740004>