

**Indian Institute of Engineering Science & Technology, Shibpur**  
**B. Tech 2<sup>nd</sup> Semester Mid term Examinations, February, 2024**  
**Professional Communication in English- HU 1201**  
**Groups I-IV**

Full marks: 30

Time: 2 hours

✓ 1) Write a precis of the following passage and give a title:

[10+2]

Tsunami waves do not resemble normal undersea currents or sea waves because their wavelength is far longer. Rather than appearing as a breaking wave, a tsunami may instead initially resemble a rapidly rising tide. For this reason, it is often referred to as a tidal wave, although this usage is not favoured by the scientific community because it might give the false impression of a causal relationship between tides and tsunamis. Tsunamis generally consist of a series of waves, with periods ranging from minutes to hours, arriving in a so-called "wave train". Wave heights of tens of metres can be generated by large events. Although the impact of tsunamis is limited to coastal areas, their destructive power can be enormous, and they can affect entire ocean basins. The 2004 Indian Ocean tsunami was among the deadliest natural disasters in human history, with at least 230,000 people killed or missing in 14 countries bordering the Indian Ocean. Tsunami waves over a metre high hit central Japan on January 1 after a huge earthquake that damaged homes, set off a major fire and prompted authorities to urge people to run to higher ground. Japanese authorities put the magnitude at 7.6 and said that it was one of more than 50 quakes of 3.2 magnitude or more to rock the region on the New Year's Day holiday. Media reports said two people were feared dead after the 7.5-magnitude quake struck Ishikawa prefecture on the Sea of Japan side of the main island of Honshu at 4:10 pm. The Japan Meteorological Agency (JMA) initially issued a "large tsunami" warning, meaning waves of up to five metres. But no further major incidents were reported and the JMA later downgraded its warning to tsunamis of up to three metres. The US Pacific Tsunami Warning Center also said around four hours after the major quake that the tsunami danger had "largely passed". The JMA warned local residents of possible further quakes during the coming week or so, particularly within the next two to three days.

✓ 2. a) Identify 4 key ideas that a web content developer must keep in mind.

[5+ 5]

✓ b) Develop content for the web (within 100 words) on any topic of your choice.

✓ 3) Write about the advantages and disadvantages of sending emails.

[4+ 4]