

CLASS 11 ENGLISH - NOTE-MAKING & SUMMARISING

Question Passage (Class 11 PYQ):

Read the passage given below:

1. Artificial Intelligence (AI) is transforming the world at an unprecedented pace. From voice assistants on our smartphones to self-driving cars, AI has integrated into daily human routine. It refers to the simulation of human intelligence in machines programmed to think and learn like humans. Primary applications include healthcare, finance, education, and transport. In healthcare, AI helps diagnose diseases early and assists in surgeries, improving patient outcomes.
2. However, the rapid development of AI also brings significant challenges. The automation of tasks threatens traditional employment, raising concerns about job loss. Furthermore, privacy risks arise as AI systems rely heavily on massive amounts of personal data. Ethical concerns such as algorithmic bias and lack of accountability in automated decision-making also need urgent policy regulation.
3. To harness AI potential safely, a balanced approach is required. Governments must create regulatory frameworks for data protection. Educational institutions should update curricula to focus on digital literacy and AI skills. Encouraging human-AI collaboration will ensure technology enhances productivity while creating new avenues for future employment.

Tasks:

- (a) On the basis of your reading of the above passage, make notes on it using headings and sub-headings. Use recognizable abbreviations (minimum 4) wherever necessary. Supply an appropriate title to it. **(5 Marks)**
- (b) Write a summary of the passage in about 50 words based on the notes made. **(3 Marks)**

SOLUTION 1 (ANALYTICAL APPROACH)

Title: Artificial Intelligence: Scope, Challenges & Future

1. Apps & Benefits of AI

- 1.1 Simulates human intel. & learning
- 1.2 Integrated into daily routine
- 1.3 Key sectors:
 - 1.3.1 Hlthcare: early disease diagnosis & surgeries
 - 1.3.2 Fin., edu. & transport

2. Challenges & Concerns

- 2.1 Automation leading to job loss
- 2.2 Privacy risks due to massive data usage
- 2.3 Ethical issues:
 - 2.3.1 Algorithmic bias
 - 2.3.2 Lack of accountability

3. Way Forward for Safe Use

- 3.1 Govt. regulations for data safety
- 3.2 Edu. update focusing on digital literacy
- 3.3 Encourage human-AI collab. for productivity

Key to Abbreviations Used:

- | | |
|-----------------------------------|------------------------------|
| 1. Apps = Applications | 4. Fin. = Finance |
| 2. Intel. = Intelligence | 5. Edu. = Education |
| 3. Hlthcare = Healthcare | 6. Govt. = Government |
| 7. Collab. = Collaboration | |

SUMMARY (SOLUTION 1)

Artificial Intelligence simulates human intelligence and is widely applied in healthcare, finance, and education. Despite its benefits, AI poses major challenges, including job loss, privacy risks, and ethical biases. To ensure safe usage, governments must create strict regulations, update education for digital skills, and promote human-AI collaboration for productivity.

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SOLUTION 2 (ALTERNATIVE CAUSE-AND-EFFECT FORMAT)

Title: Understanding AI: Impact, Risks and Governance

1. Modern Role of AI

- 1.1 Rapid global transformn.
- 1.2 Machines programmed for think. & learn.
- 1.3 Imprvd. outcomes in hlthcare & transport

2. Primary Risks & Drawbacks

- 2.1 Threat to trad. employment via automn.
- 2.2 Compromised personal data privacy
- 2.3 Algorithmic bias & unconv. decision-mak.

3. Measures for Safe Adoption

- 3.1 Policy & reg. frameworks by govts.
- 3.2 Curricula reform for digi. literacy
- 3.3 Human-AI collab. to boost econ. prod.

Key to Abbreviations Used:

- 1. **Transformn.** = Transformation
- 2. **Imprvd.** = Improved
- 3. **Trad.** = Traditional
- 4. **Automn.** = Automation

- 5. **Reg.** = Regulatory
- 6. **Digi.** = Digital
- 7. **Econ.** = Economic
- 8. **Prod.** = Productivity

SUMMARY (SOLUTION 2)

Artificial Intelligence is driving rapid global transformation by improving outcomes across sectors like healthcare and transport. However, it introduces significant risks such as traditional job loss, privacy threats, and algorithmic bias. Safe adoption requires robust governmental regulations, curricula reform for digital literacy, and human-AI collaboration to enhance economic productivity.