PRESIDENCY UNIVERSITY
BENGALURU

SET B

SCHOOL OF ENGINEERING
END TERM EXAMINATION - JAN 2024

Semester : Semester I - 2023
Course Code : ENG1002
Course Name : Technical English
Program : B.Tech.

Date : 11-JAN-2024
Time : 9:30AM - 12:30 PM
Max Marks : 100
Weightage : 50%

Instructions:
(i) Read all questions carefully and answer accordingly.
(ii) Question paper consists of 3 parts.
(iii) Scientific and non-programmable calculator are permitted.
(iv) Do not write any information on the question paper other than Roll Number.

PART A

ANSWER ALL THE QUESTIONS   5 X 2M = 10M

1. Identify three do's and three don'ts in email writing mentioned in the syllabus.

    (CO1) [Knowledge]

2. List any two examples of Mechanical Processes.

    (CO3) [Knowledge]

3. State what does a user manual contain.

    (CO3) [Knowledge]

4. List out the major steps in technical description of a process.

    (CO3) [Knowledge]

5. Define the purpose of an abstract.

    (CO4) [Knowledge]

PART B

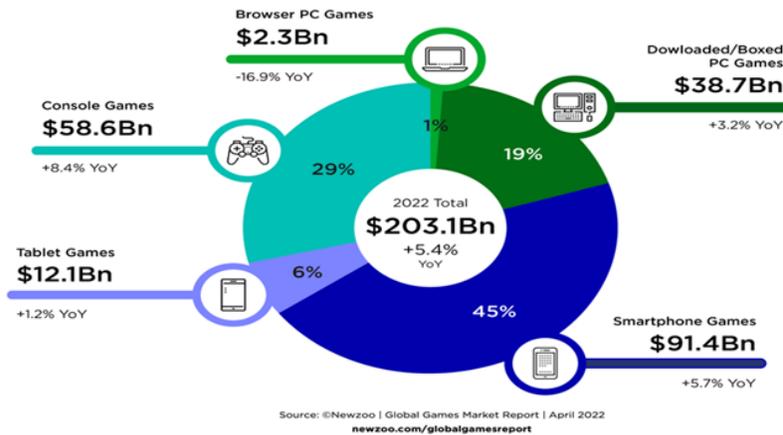### ANSWER ALL THE QUESTIONS   5 X 10M = 50M

6. Distinguish the fundamental characteristics of technical and general communication, emphasizing their respective roles in personal and professional contexts.

    (CO1) [Comprehension]

7. Describe the pie chart given below.

2022 Global Games Market
Per Segment With Year-on-Year Growth Rates

Browser PC Games
$2.3Bn
-16.9% YoY

Dowloaded/Boxed
PC Games
$38.7Bn
+3.2% YoY

Console Games
$58.6Bn
+8.4% YoY

1%

19%

29%

2022 Total
$2O3.1Bn
+5.4%
YoY

Tablet Games
$12.1Bn
+1.2% YoY

6%

45%

Smartphone Games
$91.4Bn
+5.7% YoY

Source: ©Newzoo | Global Games Market Report | April 2022
newzoo.com/globalgamesreport

(CO2) [Comprehension]

8. Describe Technical Description and elaborate its key features.

(CO3) [Comprehension]

9. Instructions and Process Descriptions share similarities in content, yet their purposes and structures vary. Differentiate between Instructions and Process Descriptions.

(CO3) [Comprehension]

10. Describe the two types of Abstracts.

(CO4) [Comprehension]

PART C

ANSWER ALL THE QUESTIONS   **2 X 20M = 40M**

11. **Real-Time Language Translation Technology**
Write a technical report for a local community center exploring the potential benefits, drawbacks, and responsible use of a personal device that can translate any language in real-time. Your report should include the following elements, apart from 'Title Page - Abstract - Table of Contents':
1. Introduction: Describe the device's capabilities and potential impact on communication.
2. Potential Impacts on Everyday Life: Discuss how this technology could affect travel, education, business, and interpersonal interactions.
3. Ethical and Social Concerns: Analyze potential concerns about privacy, accuracy of translations, cultural homogenization, and misuse.
4. Strategies for Responsible Use: Propose ways to ensure ethical and beneficial use of the technology, considering education, community engagement, and potential regulations.
5. Recommendations for the Community Center: Provide specific recommendations for how the community center can prepare for and address the potential impacts of this technology.
6. Conclusion: Summarize key findings and recommendations, emphasizing responsible and inclusive technology adoption.

(CO4) [Application]

12. Create a user manual for a futuristic Smart Mirror. Consider including guidance on voice-controlled features, interactive display, health tracking, and personalized settings as key components.

(CO3) [Application]