

**Birla Institute of Technology & Science, Pilani, Pilani Campus**

**BITS F112: Technical Report Writing  
Semester I (2023-24)**

**Comprehensive Examination (Closed Book)**

**MM: 80**

**Time: 2:00 p.m.- 4:00 p.m.**

**Date: 09 Dec 2023**

*Answer all questions. Write legibly. Grammatical and spelling errors will be penalized.*

1. The Placement Chief of Sophomore Corporation wants to know whether there is some inherent bias in the selection process by the companies – either in terms of gender or degree. The following two tables show last year’s interview data for 320 students participating in placements. The data outlines the number of students applying for the role (Applicants), shortlisted for interview (Shortlisted), and accepted for the final offer (Accepted). Now, as a placement coordinator, write a **letter report** to be submitted to the Placement Chief, identifying steps to improve the placement performance. Your letter report should have **one illustration** and **three recommendations**. (25 marks)

Table I: Split by Gender

Gender	Applicants	Shortlisted	Accepted
Male	260	15	2
Female	40	5	3
Not Specified	20	2	1
<b>TOTAL</b>	<b>320</b>	<b>22</b>	<b>6</b>

Table II: Split by Degree

Degree	Applicants	Shortlisted	Accepted
Pharmacy	35	3	0
Architecture	31	2	0
Design	22	2	0
Fashion	66	4	1
Humanities	28	2	0
Math	14	1	1
Civil	98	6	2
Electronics	26	2	2
<b>TOTAL</b>	<b>320</b>	<b>22</b>	<b>6</b>

2. India is a developing nation populated by young and educated citizens. One dynamic section of this population is the aspiring graduates in rural areas. Their aspirations are dependent on the career choices that they make while graduating. These choices impact the workforce supply-demand equilibrium in the employing organizations. These choices also have repercussions for all stakeholders, including Education institutes and Government policies. The Career Monitoring Council of the HRD Ministry, Govt. of India, has decided to conduct a pilot survey among likely graduates from rural backgrounds and their career choices. The survey aims to map the graduate demographic profile with their academic disciplines and career choices. Assuming you are a member of this Council, **prepare a questionnaire** to be shared with the participants. **Frame ONLY ten questions** related directly to the topic. Do not use the same question type more than twice and also mention the type before you write the question. **(10×3=30 marks)**
3. The climatic history of India is studded with a very large number of floods, which have wreaked havoc on the country's economy. India is the most flood-distressed country in the world after Bangladesh, accounting for 1/5th of the global deaths every year, with 30 million people displaced from their homes yearly. Approximately 40 million hectares of the land are vulnerable to floods, with 8 million hectares already affected. Unprecedented floods take place every year at one place or other, with the most vulnerable states of India being Uttar Pradesh, Bihar, Assam, West Bengal, Gujarat, Orissa, Andhra Pradesh, Madhya Pradesh, Maharashtra, Punjab and Jammu & Kashmir. In India, the National Disaster Management Authority (NDMA) is the apex body for addressing disaster-related policy issues and for laying guidelines. You, as the Director of NDMA, are required to write a report for the Ministry of Environment discussing the possible causes and solutions for the recurring floods in the country. Now, **only** write the **Introduction** of the report. Invent necessary details. **(25 marks)**