

# Sample Aptitude Test 6

## Question 1: Analytical Ability (50 Marks)

### Case Study Scenario

#### **Institution: Bright Future Academy (BFA)**

Bright Future Academy (BFA) is a multidisciplinary institution offering secondary education, technical diplomas, and short professional certifications. In response to global trends, BFA recently transitioned toward a blended learning model combining face-to-face instruction with digital platforms.

While the transition aimed to enhance accessibility and flexibility, implementation challenges have emerged.

### **Digital Infrastructure and Readiness**

BFA invested in a Learning Management System (LMS), online assessment tools, and digital content subscriptions. However, a readiness assessment conducted after implementation revealed:

- 35% of instructors lack proficiency in LMS functionalities
- Students report inconsistent online content quality
- Internet connectivity issues affect rural students
- Technical support staff are insufficient

Lab assistants report difficulty integrating practical sessions into online modules.

### **Academic Performance and Engagement**

Student performance data indicates mixed outcomes. While some students benefit from flexible access to materials, others struggle with self-discipline and time management.

Attendance in physical classes has decreased slightly, while participation in online discussion forums remains low.

Faculty members express concern about academic integrity in online assessments.

## **Financial Implications**

The blended model increased operational costs due to software licensing and IT infrastructure upgrades.

At the same time, management anticipated cost savings from reduced physical resource usage. However, these savings have not fully materialized.

Accountants note that return-on-investment (ROI) metrics for digital spending are unclear.

## **Communication and Workflow Issues**

Each department manages digital integration differently. Some instructors upload comprehensive content, while others provide minimal resources.

Reception staff face increased inquiries regarding login credentials and technical issues.

There is no centralized digital policy outlining standards for content delivery and assessment.

## **Equity and Accessibility**

Students from lower-income backgrounds report difficulty accessing stable internet and personal devices.

Although BFA introduced device loan programs, demand exceeds supply.

## **Strategic Mandate**

The Board requires a structured evaluation of the blended learning initiative focusing on:

- Digital readiness
- Academic integrity
- Financial sustainability
- Equity considerations
- Institutional coordination

### **Sub-Questions:**

1. Analyze strengths and weaknesses of BFA's blended learning implementation.
2. Evaluate financial sustainability of digital investments.
3. Assess risks to academic integrity in online assessments.
4. Discuss equity challenges and propose inclusive solutions.
5. Recommend a structured digital governance framework.

## **Question 2: Logical Reasoning (50 Marks)**

### **Case Study Scenario**

#### **Institution: Digital Edge Training Center (DETC)**

Digital Edge Training Center specializes in IT certifications delivered through hybrid modes.

Operational challenges include:

- Multiple LMS platforms used across departments
- Inconsistent grading systems
- Budget allocation overlaps between IT and academic units
- Frequent student complaints about inconsistent digital communication

Data shows that departments operating with unified systems demonstrate higher student satisfaction.

Management seeks logical integration strategies.

### **Sub-Questions:**

1. Identify logical inefficiencies caused by multiple LMS platforms.
2. Analyze the relationship between grading inconsistency and student dissatisfaction.
3. Propose a unified digital governance policy.
4. Evaluate cost implications of system consolidation.
5. Develop a logical roadmap for institutional digital integration.