

**NATIONAL UNIVERSITY OF MODERN LANGUAGES**  
**Faculty of Engineering & Computing**  
**Department of Computer Science**



**Entry Test – PhD CS**

**INSTRUCTIONS**

- **The duration of the test is 180 Minutes (3 Hour). The duration of the test is 180 Minutes (3 Hour). Two (2) hours for objective portion and one (1) hour for subjective portion.**
- **Candidates that have already passed NTS/GAT test will need to solve subjective portion only.**
- **The test contains FOUR Sections, e.g. VERBAL, ANALYTICAL REASONING & SUBJECT SPECIFIC and THEORETICAL**
- **A candidate has to score minimum 70% marks in aggregate (in objective sections) to pass the test.**
- **Write the correct answer in the empty column. Multiple entries/answers will NOT be entertained.**
- **After completion of the test, you have to return Question Paper & Answer Sheet both to the invigilators.**
- **Calculators & Mathematical tables are NOT allowed.**
- **Answers are to be attempted on answer sheets, which are being provided separately with the question papers.**
- **Rough work can be done on the back side of answer book, extra sheets will also be provided.**
- **Make sure that you do NOT write or mark anything on the question paper and/or answer sheet otherwise this will lead to cancellation of your paper.**
- **Keep your mobile phone turned off. Any mobile phone found Active / ON will be confiscated and candidate will be disqualified from the test.**

**NATIONAL UNIVERSITY OF MODERN LANGUAGES**  
**Faculty of Engineering & Computer Science**  
**Admission Test -- PhD Computer Science – Spring 2024**  
**(Objective Part)**

**Time allowed: 2 Hours**

**System ID/Roll #: \_\_\_\_\_**

**Instructions:**

- Write down your roll# on the question paper.
- Attach your question paper with the answer sheet before leaving examination hall.
- Admission test consists of three parts that consist of English, Analytical, and Subjective.
- You are required to attempt All sections.

**Part I: Verbal Expression**

**Marks 15**

1. The workers are hell bent \_\_\_\_\_ getting what is due to them.  

A. on	B. upon
C. for	D. at
2. The small child does whatever his father \_\_\_\_\_.  

A. had done	B. does
C. do	D. done

**Part II: Analytical**

**Marks 15**

Five educational films A, B, C, D, & E are to be shown to a group of students. The films are to be shown in a particular order, which conforms to the following conditions:

A must be shown earlier than C.

B must be shown earlier than D.

E should be the fifth film shown.

1. Which among the following is an acceptable order for showing the educational films?  

A. A, C, B, D, E	B. A, C, D, E, B
C. B, D, C, A, E	D. B, D, E, A, C
2. In case C is shown earlier than E, which among the following will hold true?  

A. B is the second film shown	B. C is the third film shown.
C. D is the fifth film shown.	D. E is the fourth film shown.
3. Which among the following is an acceptable order for showing the educational films?  

A. A	B. B
C. C	D. D

**Part III: Subject Based**

**Based Marks 70**

1. What does asp stands for?  

A. Active Start Pages	B. Active Server pages
C. Action Start Pages	D. None of mentioned
2. Which is the correct CSS syntax?  

A. body:color=black	B. {body;color:black}
C. {body:color=black(body)}	D. body {color: black}

**(Subjective Part)**

**Time allowed: 1 Hour**

**System ID/Roll #: \_\_\_\_\_**

**Total Marks: 25**

**Q. No. 1:** What is the importance of cyber security in this digital era?

(Marks 8)