

SYLLABUS FOR COMPETITIVE EXAMINATION OF ASSISTANT ENGINEERS (EDUCATION WORKS) BPS-17 IN THE WORKS & SERVICES DEPARTMENT, GOVERNMENT OF SINDH

PAPER – I – A
COMPULSORY (GENERAL) (TOTAL MARKS 300)

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|----|---------------------------------------|-----------|
| 1. | English (including Essay and Précis) | 100 Marks |
| 2. | General Knowledge and current affairs | 100 Marks |
| 3. | Islamiat and Pakistan Studies | 100 Marks |

PAPER – I – B
COMPULSORY (PROFESSIONAL) (TOTAL MARKS 200)

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|----|----------------------------------|-----------|
| 1. | Building Construction Techniques | 100 Marks |
| 2. | Roads and Building Engineering | 100 Marks |

PAPER – II
OPTIONAL (TOTAL MARKS 300)

Three (03) subjects are to be selected from the following Seven (07) Optional Subjects. All optional subjects carry equal marks.

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|----|---|-----------|
| 1. | Surveying | 100 Marks |
| 2. | Theory of structures and Strength of materials | 100 Marks |
| 3. | Concrete Technology and Structure design | 100 Marks |
| 4. | Soil Mechanic and foundation Engineering | 100 Marks |
| 5. | Applied Mathematics | 100 Marks |
| 6. | Theory of Structures & Steel Structures | 100 Marks |
| 7. | Sanitary Engineering & Supply in combination with Group-II of Part-I only | 100 Marks |

PAPER – III
COMPULSORY (TOTAL MARKS 200)

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| Viva-Voce | 200 Marks |
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