

[Total No. of Questions - 9] [Total No. of Printed Pages - 2]

Dec-24-0080 (CBCS/NEP)

IKS-311 (Indian Knowledge System)

[ECE, EE, EEE, ME, CS, CSE, AIML, CS, AIDS, TE]

B.Tech. 3rd

Time : 3 Hours (Common with BCA -3rd) Max. Marks : 60

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt five questions in all. Select one question each from section A, B, C, D. Section E is compulsory.

SECTION - A

1. Explain main schools of philosophy in detail. (12)
2. Write in detail about Nalanda University and Takshila University. (12)

SECTION - B

3. Write about the life and work of Kautilya. (12)
4. Write about the life and work of Patanjali in Yoga-sutras. (12)

SECTION - C

5. Explain, in detail, trades in Ancient India. (12)
6. Discuss about Astronomy in Ancient India. (12)

SECTION - D

7. Explain temple architecture in ancient India. (12)
8. Discuss drama and martial arts development in ancient India. (12)

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SECTION - E (Compulsory)

9. (a) What is the name of the author of Arthashastra?
- (b) What are fertilizers made of?
- (c) Write the names of the cities of the Saraswati - Sindhu Civilization.
- (d) What is concept of pi?
- (e) What is Gargi famous for?
- (f) How many Vedas are there? Name them. (6×2=12)