

S.No. 1884

12UELS04

(For the candidates admitted from 2012-2013 onwards)

B.Sc. DEGREE EXAMINATION, NOVEMBER 2017.

Fifth Semester

Electronics and Communication

*SBEC* — CELL PHONE FUNDAMENTALS

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is a hook switch?
2. What is the local exchange carrier?
3. What is UMTS in mobile?
4. Expand WAP.
5. What is a memory card?
6. Define the term messaging.
7. Write the expansion of UFS.



8. What is the IMEI number?
9. What is an ultrasonic cleaning?
10. Define a memory card reader.

PART B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Write short note on how to initiate a call.

Or

- (b) Explain about mobile phone fraud call.

12. (a) List out the features of FDMA.

Or

- (b) What are the uses of CDMA?

13. (a) List out the types of keypads and explain.

Or

- (b) Define about handset form factor.

14. (a) Explain about the installation of flashing files.

Or

- (b) Explain about the mobile GSM utility codes.

15. (a) Write short note on computer connectors.

Or

- (b) Explain how to remove virus in mobiles.

PART C — (3 × 10 = 30 marks)

Answer any THREE out of Five questions.

16. Explain briefly about the Transmitter in a mobile.

17. Explain briefly about the Mobile browsers.

18. Explain briefly about the Ring tones used in cell phones.

19. Explain briefly about the hardware and software repairing.

20. Explain briefly about the SIM card reader working with neat diagrams.