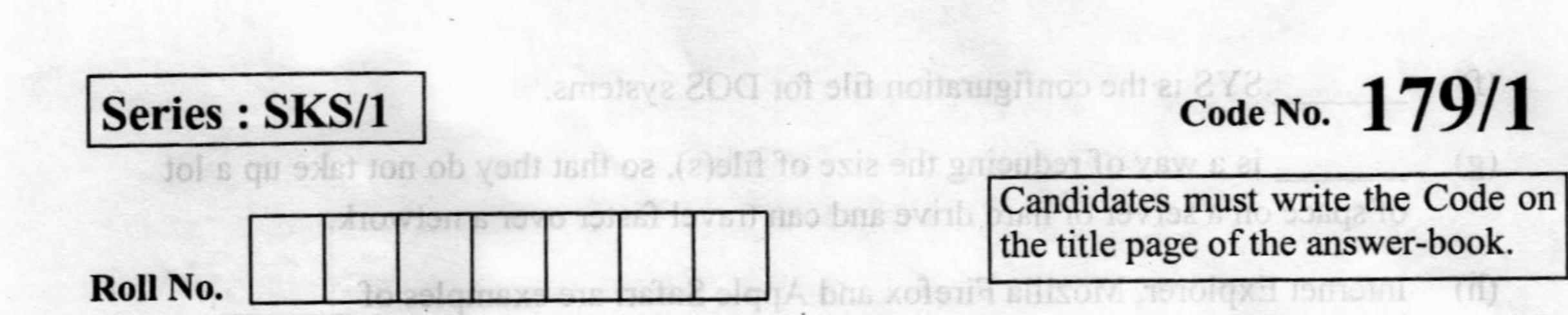
CBSE Class 12 IT Systems Question Paper 2013 (March 13, Code - 179/1)



• Please check that this question paper contains 3 printed pages.

- Code number given on the right hand side of the question paper should be written on the title page of the answer-book by the candidate.
- Please check that this question paper contains 5 questions.
- Please write down the Serial Number of the question before attempting it.
- 15 minutes time has been allotted to read this question paper. The question paper will be distributed at 10.15 a.m. From 10.15 a.m. to 10.30 a.m., the students will read the question paper only and will not write any answer on the answer-book during this period.

IT SYSTEMS (Theory)

Time allowed : 3 hours]

Instruction : All questions are compulsory.

- 1. Expand the following abbreviations and write a brief description about each :
 - Which communication device can convert analog signal of the set of
 - (d) WWW
 - (e) FTP

179/1

How is Authentication different from Authonisation with respect to Data security ?

- 2. Fill in the blanks with suitable word(s):
 - (a) A ______ is used to amplify signals carried by a network.
 - (b) Sanjay e-mailed a file to Chavi. The file included a digital ______ that verified the document's creator.
 - (c) Hard disk, Pen drive, CD ROM are examples of ______ storage media.
 - (d) ______ is the batch file that DOS automatically executes when a computer
 - (e) An e-mail address is made up of two parts : a username and an e-mail provider, with an '_____' symbol in the middle.
 [P.T.O.]



(9)

[Maximum Marks : 50

Answer the following questions

List any three threats to

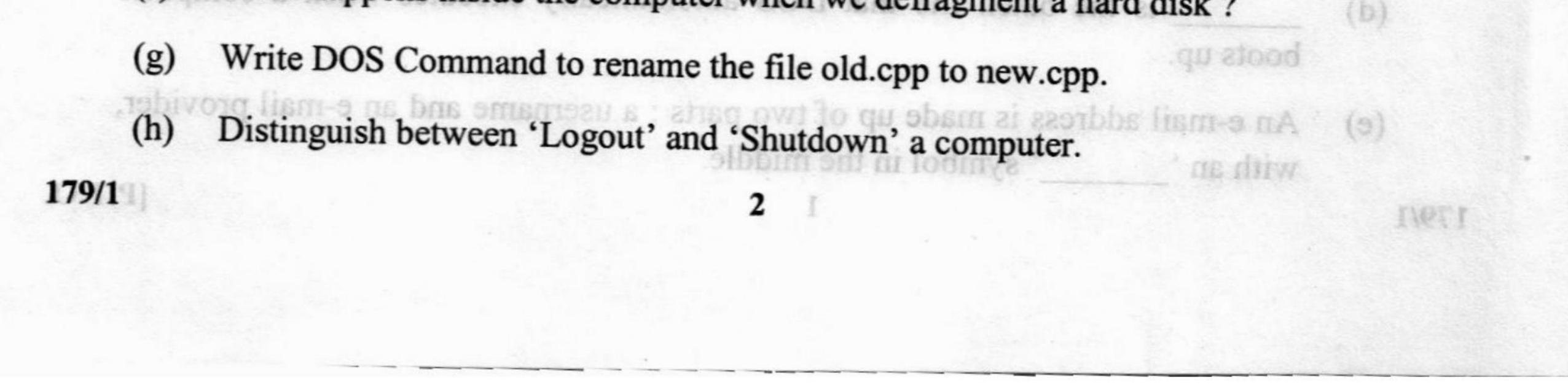
- .SYS is the configuration file for DOS systems.
- (g) ______ is a way of reducing the size of file(s), so that they do not take up a lot of space on a server or hard drive and can travel faster over a network.
- (h) Internet Explorer, Mozilla Firefox and Apple Safari are examples of
- (i) The computer that is connected to a network is called a ______.
 (j) The translation of data into a secret code for data security is called
 - title page of the answer-book by the candidate.

Series: SKS/1

- Please check that this question paper contains 5 questions.
- 3. Answer the following questions :
 - (a) List two tasks for which Robots are used in Manufacturing Industries.
 - (b) How computers are useful in investigation and analysis of crimes ? Give any two examples.
 - (c) What is the use of a server in computer network?
 - (d) What is File compression?

(f)

- (e) Define Digital Signature.
- (f) Name the term used for a moving display on screen that activates when the screen is left idle for a given time.
- (g) What is the use of typing cd\ at the command prompt in DOS?
- (h) Which communication device can convert analog signals to digital signals and vice versa so that data can travel over analog telephone lines ?
- 4. Answer the following questions :
 - (a) How is Authentication different from Authorisation with respect to Data security ?
 - (b) List any three threats to security of data on your computer.
 - (c) List three Internet services used for Online communications.
 - (d) What is Videoconferencing ? List two advantages.
 - (e) Define Virtual Reality.
 - (f) What happens inside the computer when we defragment a hard disk ?



(c) Hard disk, Pen drive, CD ROM are examples of

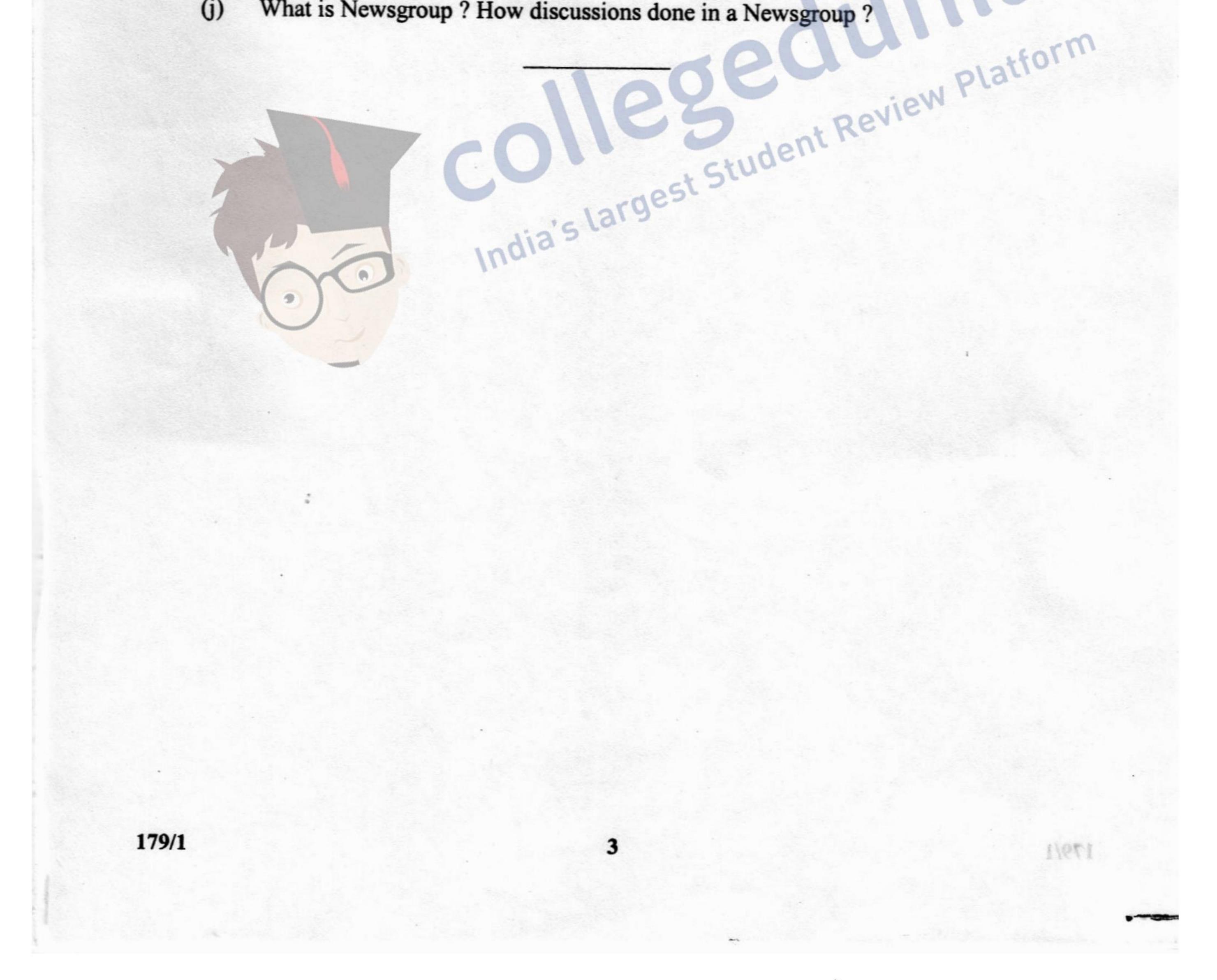


WWW (b)

12

FIP

- Answer the following questions : 5.
 - Write the purpose of Arithmetic and Logic Unit in the computer. (a)
 - What is the purpose of Scandisk utility? (b)
 - Write two advantages of networking computers in a network. (c)
 - Write two advantages of buying goods over Internet. (d)
 - Expand FTP. What is the application of FTP? (e)
 - How is File Allocation Table used in a computer ? (f)
 - Expand BIOS. Write use of BIOS in computer. (g)
 - What is the meaning of "Booting a Computer"? (h)
 - Distinguish between Encryption and Decryption of data. (i)
 - What is Newsgroup? How discussions done in a Newsgroup? (j)





20

50