

MAHARASHTRA STATE BOARD OF VOCATIONAL EXAMINATIONS, MUMBAI

Examination, July 2014

CERTIFICATE COURSE IN MOBILE REPAIRING AND SERVICING

[कक्षा-3]

(समकालीन परीक्षा-100)

समकालीन परीक्षा + बंधनवशित (समकालीन परीक्षा-2)

नोट- (1) परीक्षा में दो भागों में पूरा करना है।

(2) परीक्षा में सही उत्तरों का अंक 100 है।

समकालीन

1. (+) परीक्षा में दो भागों में पूरा करना है।

5

(1) निम्नलिखित में से सही उत्तर चुनिए।

(+) सही उत्तर

(+) सही उत्तर

(+) सही उत्तर

(+) सही उत्तर

(2) निम्नलिखित में से सही उत्तर चुनिए।

(+) 6 V / 10 WT

(+) 230 V / 25 WT

(+) 230 V / 35 WT

(+) 230 V / 110 WT.

(3) निम्नलिखित में से सही उत्तर चुनिए।

(+) LI-Iron

(+) Ni-Cad

(+) NI-MH

(+) Dry Cell.

(4) Dual Seem Smartphone में निम्नलिखित में से सही उत्तर चुनिए।

(+) Dual SIM

(+) Single SIM

(+) नोट

(+) सही उत्तर

(5) निम्नलिखित में से सही उत्तर चुनिए।

(+) In-Built

(+) Out-Built

(+) नोट

(+) सही उत्तर

(6) SMD rework में निम्नलिखित में से सही उत्तर चुनिए।

(+) Soldering / Desoldering

(+) सही उत्तर

(+) सही उत्तर

(+) सही उत्तर

(+) निम्नलिखित में से सही उत्तर चुनिए।

5

(1) निम्नलिखित में से सही उत्तर चुनिए।

(2) CDMA में निम्नलिखित में से सही उत्तर चुनिए।

(3) निम्नलिखित में से सही उत्तर चुनिए।

(4) निम्नलिखित में से सही उत्तर चुनिए।

(5) निम्नलिखित में से सही उत्तर चुनिए।

(6) निम्नलिखित में से सही उत्तर चुनिए।

(ENGLISH)

[TIME ALLOWED — 3 HOURS]

(MARKS — 100)

MOBILE MAINTENANCE AND REPAIR (THEORY-II)

- Instructions.*—(1) All questions are *compulsory*.
 (2) Illustrate your answer with neat sketches wherever necessary.

Marks

1. (a) Fill in the blanks (any *five*) :— 5
- (i) If no sound heard first you should check
 - (a) Battery (b) Speaker
 - (c) Microphone (d) Key paid.
 - (ii) Soldering Iron is used
 - (a) 6 V / 10 Watt (b) 230 V / 25 Watt
 - (c) 230 V / 35 Watt (d) 230 V / 110 Watt.
 - (iii) Generally in Mobile battery is used first
 - (a) LI-Iron (b) Ni-Cad
 - (c) NI-MH (d) Dry Cell.
 - (iv) Dual Sim mobile work in
 - (a) Dual Battery (b) Single Battery
 - (c) Both (d) None of these.
 - (v) In mobile generally antenna
 - (a) In-Built (b) Out-Built
 - (c) Both (d) None of these.
 - (vi) SMD rework station is used for
 - (a) Soldering / Desoldering
 - (b) To see the component Number
 - (c) Holding the Component
 - (d) None of these.
- (b) State *true* or *false* (any *five*) :— 5
- (i) Generally we used LED display in Mobile.
 - (ii) In CDMA mobile we can use GSM SIM.
 - (iii) Vibrator is a motor (rotating part).
 - (iv) Microphone convert sound signal into electrical signal.
 - (v) Magnifying Lence is used for photography.
 - (vi) In mobile LED is used for Back Light Display.
- (c) State long form of the following (any *five*) :— 5
- (i) LCD (ii) ISD
 - (iii) SIM (iv) WAP
 - (v) SMD (vi) IC.

[Turn over

- (d) Match the following :— 5
- | ‘ A ’ Group | ‘ B ’ Group |
|--------------------------|-----------------------------------|
| (i) Set dead | (a) Defective microphone |
| (ii) No light on display | (b) Defective charging connection |
| (iii) No signal network | (c) Defective speaker |
| (iv) Weak sound is heard | (d) Defective battery |
| (v) No charging | (e) Defective back LED |
| (vi) Out going sound | (f) Defective antenna. |
2. Attempt the following (any *two*) :— 16
- (a) How you will dismantled the cell phone write its procedure.
 - (b) Make the list of Common fault of cell phone.
 - (c) What is Flash Programming ?
 - (d) Write a note on Logo Manger.
3. Attempt the following (any *two*) :— 16
- (a) Give the remedies of phone / mobile is totally dead.
 - (b) Explain how to start own service center of mobile repair.
 - (c) Write a note on post paid and pre paid account.
 - (d) Explain how to charge for mobile repair service.
4. Attempt the following (any *two*) :— 16
- (a) What are the basic instrument is required to open a service center of cellular phone.
 - (b) What are the causes no sound heard explain it.
 - (c) Write short note : (i) IMEI (ii) Phone Lock
(iii) SIM Lock (iv) PCB.
 - (d) What are the causes No graphic function on display.
5. Attempt the following (any *four*) :— 16
- (a) Short note on rechargeable battery and dry cell.
 - (b) Write a short note on magnifying lence.
 - (c) Write down the SMS procedure to your friends.
 - (d) What are the causes if microphone is defective.
 - (e) How you will insert the SIM in your cellular phone, write its procedure.
6. Attempt the following (any *two*) :— 16
- (a) How will you increase the additional revenue sources at your service center.
 - (b) Explain how will you operate SMD rework station (precaution).
 - (c) What are the causes battery discharge if no signal.
