

# Vivekanand College, Kolhapur (Autonomous)

Department of Electronics

B. Sc-III, Sem-VI

Paper Code: (DSC 1005F2)


**Paper Name: Power Electronics**

**Internal Examination Notice**

Date: 16/06/2021

This is to inform all the student of B. Sc.-III class, we are conducting **internal examination** for 20 marks on **21/06/2021** using **Google platform**. The Google form link will be sent on what's app group 5 min before commencement of the exam. The detail time schedule of online test is given below.

Date	Time	Mode
21/06/2021	11.30 am-12.30 pm	Online-Google Platform

  
Subject teacher  
Mr. P. R. Bagade



# Power Electronics-Internal Exam-Sem VI-2021

Paper No-VI

Section-I & II

Subject Code: DSC-1005F2

Name of Paper: Power Electronics

Date: 21/06/2021 Time: 11.30 pm to 12.30 pm

Total Marks: 20

Instructions:

1. All Questions are compulsory.
2. Each Question carries 1 Marks.
3. Figure to write indicate full marks.

\* Indicates required question

1. Email \*

\_\_\_\_\_

2. Name of the student (First Name Middle Name Last Name) \*

\_\_\_\_\_

3. Roll number \*

\_\_\_\_\_

4. 1) A p-n junction diode is a ----- switching device .

*Mark only one oval.*

- Unidirectional
- Bi-directional
- Multidirectional
- none of the above



5. 2) Power transistors have relatively ----- current gain ( $\beta$ ).

Mark only one oval.

- Infinity
- large
- very large
- small

6. 3) The process of conductivity modulation results in-----

Mark only one oval.

- Increase in the switching frequency
- Increase in the on state loss
- Increase in the breakdown voltage.
- Reduction in on state loss

7. 4) Which of the following device has the terminals collector, emitter, gate -----

Mark only one oval.

- BJT
- MOSFET
- IGBT
- SCR

8. 5) ----- is the Power semiconductor device having highest switching speed.

Mark only one oval.

- BJT
- MOSFET
- IGBT
- None of these



9. 6) IGBT stands for -----

*Mark only one oval.*

- Insulated gate bidirectional transistor
- Inductive gate bipolar transistor
- Insulated gate bipolar transistor
- Inductive gate bidirectional transistor

10. 7) In BJT, switching loss is occurs -----

*Mark only one oval.*

- Only at turn ON
- Only at turn OFF
- Both at turn ON-OFF
- none of the above

11. 8) ----- is the type of Power Transistor.

*Mark only one oval.*

- BJTs
- MOSFETs
- IGBTs
- All of the above

12. 9) Power MOSFET is ----- controlled device.

*Mark only one oval.*

- Current
- Voltage
- Magnetic field
- None of the above



13. 10) The Gate terminal of a MOSFET is isolated from the semiconductor by a thin layer of -----

*Mark only one oval.*

- ZnO
- SiO<sub>2</sub>
- Polymer
- None of these

---

This content is neither created nor endorsed by Google.

Google Forms





## Vivekanand College, Kolhapur (Autonomous)

B.Sc.-III (Sem-IV)

Paper Code: DSC 1005F2

**Paper Name : Power Electronics**

*Internal Exam- 2020-21 Marksheet*

Sr. No	Timestamp	Name of the student	Marks Outoff 20
1	21-06-2021 10:58	Shreyas Sunil Powar	8
2	21-06-2021 11:14	Durga vaijanath yadav	14
3	21-06-2021 11:16	Snehal mohan chougule	14
4	21-06-2021 11:17	Shrutika sudhir gujar	10
5	21-06-2021 11:17	Gauri Rahul Bedagkar	10
6	21-06-2021 11:22	KUNAL KETAN SARNAIK	14
7	21-06-2021 11:26	Siddhesh shivaji shinde	10
8	21-06-2021 11:27	Aakash Rajencdra Kalgutar	14
9	21-06-2021 11:28	Malhar Uday Mane	20
10	21-06-2021 11:29	Siddharth shital shete	14
11	21-06-2021 11:29	Sunil Uttam Ghorpade	2
12	21-06-2021 11:29	Ashish kamble	12
13	21-06-2021 11:30	Vilas Bharmanna Dandgule	14
14	21-06-2021 11:32	Bharat Shivaji Shinagare	16
15	04-08-2021 13:39	Karan M Gharale	12
16	04-08-2021 14:31	Dipak Vishwanath Sutar	14
17	04-08-2021 16:39	dipaksutar@gmail.com	10



**Sign of Teacher**

Mr.P.R.Bagade

