| AL -529 Third Semester B. C. A. (Part - II) Examination | | | | | | |
|--|--|--|--|--|--|--|
| OBJECT ORIENTED PROGRAMMING WITH C++ | | | | | | |
| Paper - 3ST2 | | | | | | |
| P. Pages: 3 Time: Three Hours] [Max. Marks: 80 | | | | | | |
| Time: Three Hours] > 11 22 [Max. Marks: 80 | | | | | | |
| Note: (1) All questions are compulsory. (2) All questions carry equal marks. | | | | | | |
| (a) Explain object oriented programming . What are its features. | | | | | | |
| (b) Explain the purpose of scope resolution | | | | | | |
| operator with suitable example. | | | | | | |
| Strain and American Republication of the American Strain Companies | | | | | | |
| 2. (a) Explain type conversion in C++ 3 | | | | | | |
| (b) Explain prepocessors directives in C++ 3 | | | | | | |
| (c) Explain dynamic initialization of variable | | | | | | |
| with suitable example. | | | | | | |

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3 (a) Explain the use of default argument in a

P. Pages: 3

function.

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|-----|--------|---|-------|-----|--|
| | (b) | Explain the following with an example:— (i) switch. | | (b) | Write a program for overloading of unary (+ operator. |
| | | (ii) do while. | | | OR |
| | | OR | | (a) | Explain base class and derived class with example. |
| 4. | (a) | Explain the following with example:— (i) Function calling. | | (b) | Explain pointer to object with example. |
| | | (ii) Function prototype. 6 | 9. | (a) | What are the rules for virtual functions. |
| | (b) | Explain' for-loop' with suitable example. 6 | 9 | (b) | Explain hierarchy of file stream classes. |
| | | | | | OR |
| 5. | (a) | Explain friend function and give it's characteristics. 6 | 10. | (a) | Explain the pointers to derived class with suitable example. |
| | (b) | Explain parameterized constructor with example. 6 | : | (b) | Explain opening and closing of files in C+- |
| | | OR | | | |
| 6. | (a) | Explain the concept of multiple constructor in a class. | : | | |
| | (b) | Explain passing object as arguments. 6 | | | |
| 7. | (a) | What is 'this' pointer ? Explain the use of | n | | |
| - 1 | of and | 'this' pointer with example. 6 | | | |