

又学教育api文档

Oliver3000



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数学

生产域名: qb-api.91xedu.com

测试域名: dev-qb-api.91xedu.com

路径: math/版本号/方法

version1.0

+++1

get:/math/v1/getTopicList##获取专题列表

*int:type=not null#试题类型 1招生抓手 2demo课 3产品

<<<

response

{

```
"code": 200,
"data": [
  {
    "tid": 1,
    "flow_id": 1,
    "topic": "苏教版七年级",
    "pic_url": "http://file1.classba.com.cn/sj7.jpg"
  },
  {
    "tid": 2,
    "flow_id": 1,
    "topic": "苏教版八年级",
    "pic_url": "http://file1.classba.com.cn/sj8.jpg"
  },
  {
    "tid": 3,
    "flow_id": 1,
    "topic": "苏教版九年级",
    "pic_url": "http://file1.classba.com.cn/sj9.jpg"
  },
  {
    "tid": 4,
    "flow_id": 1,
    "topic": "人教版七年级",
    "pic_url": "http://file1.classba.com.cn/rj7.jpg"
  }
],
"msg": ""
```

}

+++

+++2

get:/math/v1/getTopicById##获取专题信息

*int:tid=not null#专题ID

<<<

response

{

```

"code": 200,
"data": {
  "id": 55,
  "flow_id": 1,
  "lesson": "苏教版九年级第二学期",
  "kmap_code": "ms_c9_02",
  "topic_name": "二次函数解析式及最值",
  "pic_url": "http://oj9i72p0a.bkt.clouddn.com/2.%E8%8B%8F%E6%95%99%E7%89%88-9.png",
  "knowledge_map": [
    {
      "tag_name": "待定系数法求二次函数的解析式",
      "tag_code": "c170107",
      "video": [
        {
          "description": "基础",
          "video_url": "http://media1.classba.cn/c170107-01.mp4",
          "image_url": "http://uploads.classba.cn/jichushipin.png",
          "tag_code": "c170107",
          "tag_name": "待定系数法求二次函数的解析式",
          "description": "基础",
          "video_url": "http://media1.classba.cn/c170107-01.mp4",
          "image_url": "http://uploads.classba.cn/jichushipin.png"
        },
        {
          "description": "巩固",
          "video_url": "http://media1.classba.cn/c170107-02a.mp4",
          "image_url": "http://uploads.classba.cn/gonggushipin.png",
          "tag_code": "c170107",
          "tag_name": "待定系数法求二次函数的解析式",
          "description": "巩固",
          "video_url": "http://media1.classba.cn/c170107-02a.mp4",
          "image_url": "http://uploads.classba.cn/gonggushipin.png"
        }
      ]
    },
    {
      "tag_name": "二次函数解析式的三种形式",
      "tag_code": "c170108",
      "video": [
        {
          "description": "基础",
          "video_url": "http://media1.classba.cn/c170108-01.mp4",
          "image_url": "http://uploads.classba.cn/jichushipin.png",
          "tag_code": "c170108",
          "tag_name": "二次函数解析式的三种形式",
          "description": "基础",
          "video_url": "http://media1.classba.cn/c170108-01.mp4",
          "image_url": "http://uploads.classba.cn/jichushipin.png"
        },
        {
          "description": "巩固",
          "video_url": "http://media1.classba.cn/c170108-02a.mp4",
          "image_url": "http://uploads.classba.cn/gonggushipin.png",
          "tag_code": "c170108",
          "tag_name": "二次函数解析式的三种形式",
          "description": "巩固",
          "video_url": "http://media1.classba.cn/c170108-02a.mp4",
          "image_url": "http://uploads.classba.cn/gonggushipin.png"
        }
      ]
    }
  ]
}

```

```

    }
  ],
  "msg": ""

```

```

}

```

```

+++

```

```

+++3

```

```

get:/math/v1/getKnowledgeList##获取知识点列表

```

```

<<<

```

```

response

```

```

{

```

```

  "code": 200,
  "data": {
    "math_20160815_et": [
      {
        "knowledge_id": 1,
        "open_id": "57d0cc86a66d201aa44c8d66",
        "name": "同底数幂的乘法",
        "knowledge_video": "[{\"description\":\"巩固\", \"video_url\":\"http://media1.classba.cn/cz1401.mp4\", \"image_url\":\"\"}]",
        "code": "cz1401"
      },
      {
        "knowledge_id": 2,
        "open_id": "57d0cc91a66d201ab43f8e77",
        "name": "同底数幂的乘法逆用",
        "knowledge_video": "[{\"description\":\"\", \"video_url\":\"http://media1.classba.cn/cz1402.mp4\", \"image_url\":\"\"}]",
        "code": "cz1402"
      },
      {
        "knowledge_id": 3,
        "open_id": "57d0cc99a66d201aa304a185",
        "name": "幂的乘方",
        "knowledge_video": "[{\"description\":\"巩固\", \"video_url\":\"http://media1.classba.cn/cz1403.mp4\", \"image_url\":\"\"}]",
        "code": "cz1403"
      },
      {
        "knowledge_id": 4,
        "open_id": "57d0cca2a66d201aa50eb65e",
        "name": "幂的乘方逆用",
        "knowledge_video": "[{\"description\":\"\", \"video_url\":\"http://media1.classba.cn/cz1404.mp4\", \"image_url\":\"\"}]",
        "code": "cz1404"
      },
      {
        "knowledge_id": 5,

```

```

        "open_id": "57d0ccaea66d2002667f1307",
        "name": "积的乘方",
        "knowledge_video": "[{\"description\":\"\", \"video_url\":\"http://media1.classba.cn/cz1405.mp4\", \"image_url\":\"\"}]",
        "code": "cz1405"
    }
]
},
"msg": ""

```

```

}

```

```

+++

```

```

+++4

```

```

get:/math/v1/getKnowledgeByCode##通过code获取知识点信息

```

```

*string:knowledge=not null#知识点

```

```

<<<

```

```

response

```

```

{

```

```

    "code": 200,
    "data": {
        "knowledge_id": 9,
        "name": "多项式乘多项式",
        "knowledge_video": [
            {
                "description": "",
                "video_url": "http://media1.classba.cn/cz1409.mp4",
                "image_url": ""
            }
        ],
        "code": "cz1409",
        "id": "57d0ccd9a66d20026438f206"
    },
    "msg": ""

```

```

}

```

```

+++

```

```

+++5

```

```

get:/math/v1/getQuestionsByKnowledge##通过知识点获取试题

```

```

string:knowledge=not null#知识点

```

```

int:module=null#模块

```

```

int:used_type=null#用途

```

```

int:difficulty=null#难度 多个,分开

```

<<<

response

{

```

"code": 200,
"data": [
  {
    "id": "58ddbdc5f4aeb551003272bb",
    "question_type": 2,
    "difficulty": "2",
    "used_type": 2
  },
  {
    "id": "58ddbdc5f4aeb551003272bc",
    "question_type": 2,
    "difficulty": "2",
    "used_type": 2
  },
  {
    "id": "58ddbdc5f4aeb551003272bd",
    "question_type": 2,
    "difficulty": "2",
    "used_type": 2
  }
],
"msg": ""

```

}

+++

+++6

get:/math/v1/getZhlxQuestionIds##获取综合练习的试题

*int:tid=not null#专题ID

<<<

response

{

```

"code": 200,
"data": {
  "0101": [
    {
      "id": 13582,
      "number": "mr_c7_06_01_01_1"
    },
    {
      "id": 13583,
      "number": "mr_c7_06_01_01_2"
    }
  ]
}

```



```

    },
    {
      "id": 13584,
      "number": "mr_c7_06_01_01_3"
    }
  ],
  "0102": [
    {
      "id": 13585,
      "number": "mr_c7_06_01_02_1"
    },
    {
      "id": 13586,
      "number": "mr_c7_06_01_02_2"
    },
    {
      "id": 13587,
      "number": "mr_c7_06_01_02_3"
    }
  ],
  "0103": [
    {
      "id": 13588,
      "number": "mr_c7_06_01_03_1"
    },
    {
      "id": 13589,
      "number": "mr_c7_06_01_03_2"
    },
    {
      "id": 13590,
      "number": "mr_c7_06_01_03_3"
    }
  ],
  "0104": [
    {
      "id": 13591,
      "number": "mr_c7_06_01_04_1"
    }
  ]
],
"msg": ""

```

```

}

```

```

+++

```

```

++++7

```

get:/math/v1/getQuestionIdsByModule##通过模块获取试题

int:module=not null#模块

string:knowledge=null#知识点

*int:used_type=null#用途

<<<

response

{

```

"code": 200,
"data": [
  {
    "id": "58ddbdc5f4aeb551003272bb",
    "difficulty": "2",
    "used_type": 1
  },
  {
    "id": "58ddbdc5f4aeb551003272bc",
    "difficulty": "2",
    "used_type": 1
  },
  {
    "id": "58ddbdc5f4aeb551003272bd",
    "difficulty": "2",
    "used_type": 1
  }
],
"msg": ""

```

}

+++

+++8

get:/math/v1/getQuestionById##获取试题信息

*int:question_id=not null#试题ID

<<<

response

{

```

"code": 200,
"data": {
  "id": "57ddeef7a66d2002192ce7b4",
  "content": "",
  "q_type": 1,
  "options": [
    {
      "content": "",
      "key": "A",
      "answer": ""
    },
    {
      "content": "",

```

```

        "key": "B",
        "answer": ""
    },
    {
        "content": "",
        "key": "C",
        "answer": ""
    },
    {
        "content": "",
        "key": "D",
        "answer": ""
    }
],
"answer": "A",
"answer_base64": "",
"answer_editor": "",
"analyze": [
    {
        "content": [
            {
                "content": "",
                "is_has_answer": 0
            },
            {
                "content": "",
                "is_has_answer": 0
            },
            {
                "content": "",
                "is_has_answer": 0
            }
        ],
        "title": ""
    }
],
"video_url": "",
"estimates_time": 0,
"module": [
    2,
    7,
    7,
    7,
    7,
    7
],
"used_type": 2,
"knowledge": [
    {
        "code": "c070105",
        "name": "积的乘方"
    }
],
"difficulty": "3"
},
"msg": ""

```

version1.0

```
}  
+++
```

version2.0

+++1

get:/math/v2/getQuestionIdsByModule##通过模块获取试题

int:module=not null#模块

string:knowledge=null#知识点

*int:used_type=null#用途

<<<

response

{

```
"code": 200,
"data": [
  {
    "id": "58ddbdc5f4aeb551003272bb",
    "difficulty": "2",
    "used_type": 1
  },
  {
    "id": "58ddbdc5f4aeb551003272bc",
    "difficulty": "2",
    "used_type": 1
  },
  {
    "id": "58ddbdc5f4aeb551003272bd",
    "difficulty": "2",
    "used_type": 1
  }
],
"msg": ""
```

}

+++

+++2

get:/math/v2/getQuestionsByKnowledge##通过知识点获取试题

string:knowledge=not null#知识点

int:module=null#模块

int:used_type=null#用途

string:difficulty=null#难度

<<<

response

{

```

"code": 200,
"data": [
  {
    "id": "25f14412-58d2-11e7-9712-00163e1004d0",
    "question_type": 2,
    "difficulty": "2",
    "used_type": 1
  },
  {
    "id": "25f80028-58d2-11e7-9712-00163e1004d0",
    "question_type": 2,
    "difficulty": "3",
    "used_type": 1
  },
  {
    "id": "25feb304-58d2-11e7-9712-00163e1004d0",
    "question_type": 1,
    "difficulty": "3",
    "used_type": 1
  },
  {
    "id": "25f4c76c-58d2-11e7-9712-00163e1004d0",
    "question_type": 2,
    "difficulty": "2",
    "used_type": 1
  },
  {
    "id": "25fb6ec8-58d2-11e7-9712-00163e1004d0",
    "question_type": 1,
    "difficulty": "3",
    "used_type": 1
  },
  {
    "id": "2601f792-58d2-11e7-9712-00163e1004d0",
    "question_type": 2,
    "difficulty": "2",
    "used_type": 1
  }
],
"msg": ""

```

}

+++

+++3

get:/math/v2/getQuestionById##获取试题信息

*int:question_id=not null#试题ID

<<<

response

{

```

"code": 200,
"data": {
  "id": "58cfbcd0f4aeb51887243c8e",
  "content": "<p>已知\\({x^m} = 3\\), \\({y^n} = 2\\), 求\\(({x^{2m}}{y^n})^{-1}\\)的值____1____. </p>",
  "q_type": 2,
  "options": [],
  "answer": [
    [
      "\\frac {1} {18}"
    ]
  ],
  "answer_base64": [
    [

```

""

```

    ],
    "answer_editor": [
      [
        "<p>解:\\({x^{ - 2m}} = ({x^m})^{-2} = {3^{ - 2}} = \\frac{{\\rm \&nbsp;{1}}}{{\\rm \&nbsp;{9}}}\&nbsp;\\), \\({y^{ - n}} = ({y^n})^{-1} = \\frac{1}{2}\&nbsp;\\). \\(({x^{2m}}{y^n})^{-1} = {x^{ - 2m}}{y^{ - n}} = \\frac{{\\rm \&nbsp;{1}}}{{\\rm \&nbsp;{9}}} \times \\frac{{\\rm \&nbsp;{1}}}{{\\rm \&nbsp;{2}}} = \\frac{{\\rm \&nbsp;{1}}}{{\\rm \&nbsp;{18}}}\&nbsp;\\). </p>",
            "is_has_answer": 0
          }
        ],
        "title": ""
      }
    ],
    "video_url": "",
    "estimates_time": 120,

```

```

    "module": [
      1
    ],
    "used_type": 1,
    "knowledge": [
      {
        "code": "c080210",
        "name": "负整数指数幂"
      }
    ],
    "difficulty": "2"
  },
  "msg": ""

```

```

}

```

```

+++

```

```

+++4

```

get:/math/v2/getKnowledgeByCode##通过code获取知识点信息

*string:knowledge=not null#知识点

```

<<<

```

response

```

{

```

```

  "code": 200,
  "data": {
    "tag_name": "多项式乘多项式",
    "video": [
      {
        "description": "",
        "video_url": "http://media1.classba.cn/cz1409.mp4",
        "image_url": ""
      }
    ],
    "tag_code": "cz1409"
  },
  "msg": ""

```

```

}

```

```

+++

```

```

+++5

```

get:/math/v2/getZhlxQuestionIds##获取综合练习的试题

*int:tid=not null#专题ID

```

<<<

```

response

{

```

"code": 200,
"data": {
  "0101": [
    {
      "id": 13582,
      "number": "mr_c7_06_01_01_1"
    },
    {
      "id": 13583,
      "number": "mr_c7_06_01_01_2"
    },
    {
      "id": 13584,
      "number": "mr_c7_06_01_01_3"
    }
  ],
  "0102": [
    {
      "id": 13585,
      "number": "mr_c7_06_01_02_1"
    },
    {
      "id": 13586,
      "number": "mr_c7_06_01_02_2"
    },
    {
      "id": 13587,
      "number": "mr_c7_06_01_02_3"
    }
  ],
  "0103": [
    {
      "id": 13588,
      "number": "mr_c7_06_01_03_1"
    },
    {
      "id": 13589,
      "number": "mr_c7_06_01_03_2"
    },
    {
      "id": 13590,
      "number": "mr_c7_06_01_03_3"
    }
  ],
  "0104": [
    {
      "id": 13591,
      "number": "mr_c7_06_01_04_1"
    }
  ]
},
"msg": ""

```

```

}
+++
+++6
get:/math/v2/questionIdList##获取试题ID
*int:limit=null#
<<<
response
{

```

```

  "code": 200,
  "data": [
    {
      "id": "000080ba-5831-11e7-8d60-00163e1004d0",
      "difficulty": "1"
    },
    {
      "id": "00053bd3-5831-11e7-8d60-00163e1004d0",
      "difficulty": "2"
    },
    {
      "id": "000882d7-5831-11e7-8d60-00163e1004d0",
      "difficulty": "2"
    },
    {
      "id": "000bd8f2-5831-11e7-8d60-00163e1004d0",
      "difficulty": "2"
    },
    {
      "id": "000fbf45-5831-11e7-8d60-00163e1004d0",
      "difficulty": "1"
    }
  ],
  "msg": ""

```

```

}
+++
+++7
get:/math/v2/getQuestionsByTopicCode##通过专题code获取试题
string:topic_code=not null#专题code
int:module=null#模块
int:used_type=null#用途
int:difficulty=null#难度

```

<<<

response

{

```
"code": 200,
"data": [
  {
    "id": "58d2315cf4aeb57fc94f4b91",
    "difficulty": "4",
    "used_type": 1
  },
  {
    "id": "58d2315cf4aeb57fc94f4b92",
    "difficulty": "4",
    "used_type": 1
  },
  {
    "id": "58d2315cf4aeb57fc94f4b93",
    "difficulty": "4",
    "used_type": 1
  }
],
"msg": ""
```

}

+++

语文

生产域名: qb-api.91xedu.com

测试域名: dev-qb-api.91xedu.com

路径: cn/版本号/方法

version1.0

+++1

get:/cn/v1/getTopicList##获取专题列表

<<<

response

{

```

"code": 200,
"data": {
  "1": {
    "id": 1,
    "flow_id": 1,
    "topic": "说明文之说明方法",
    "pic_url": "/static/img/shuomingwen.jpg",
    "video_url": "http://img.classba.com.cn/2016-05-02_57271c340b378.
jpg",
    "tag_code": "XD.TC.SM.FF",
    "knowledge_map": "XD.TC.SM.FF",
    "tag_name": "说明文之说明方法",
    "review_video": "http://media1.classba.cn/SMWSMFFZSDHG.mp4",
    "extend": {
      "1": {
        "id": 1,
        "video": "http://media1.classba.cn/smff.mp4"
      },
      "2": {
        "id": 2,
        "video": "http://media1.classba.cn/hsgqs.mp4"
      }
    }
  },
  "2": {
    "id": 2,
    "flow_id": 1,
    "topic": "议论文之论证方法",
    "pic_url": "/static/img/yilunwen.jpg",
    "video_url": "http://img.classba.com.cn/2016-05-02_57271c340b378.
jpg",
    "tag_code": "XD.TC.LZ.FF",
    "knowledge_map": "XD.TC.LZ.FF",
    "tag_name": "议论文之论证方法",
    "review_video": "http://media1.classba.cn/YLWLZFFKDJXWQ.mp4",
    "extend": {
      "1": {
        "id": 1,
        "video": "http://media1.classba.cn/sssjoyb.mp4"
      },
      "2": {

```

```

        "id": 2,
        "video": "http://media1.classba.cn/dqmdsl.mp4"
    }
}
},
"msg": ""

```

```

}
+++
+++2
get:/cn/v1/getTopicByTopicId##获取专题详情
*int:tid=not null#专题ID
<<<
response
{

```

```

"code": 200,
"data": {
    "id": 1,
    "flow_id": 1,
    "topic": "说明文之说明方法",
    "pic_url": "/static/img/shuomingwen.jpg",
    "video_url": "http://img.classba.com.cn/2016-05-02_57271c340b378.jpg"
,
    "tag_code": "XD.TC.SM.FF",
    "knowledge_map": [
        {
            "tag_name": "说明方法",
            "tag_code": "XD.TC.SM.FF",
            "video_url": "http://media1.classba.cn/ZSDSPSMWFF.mp4"
        }
    ],
    "tag_name": "说明文之说明方法",
    "review_video": "http://media1.classba.cn/SMWSMFFZSDHG.mp4",
    "extend": {
        "1": {
            "id": 1,
            "video": "http://media1.classba.cn/smff.mp4"
        },
        "2": {
            "id": 2,
            "video": "http://media1.classba.cn/hsgqs.mp4"
        }
    },
    "kmap_code": "XD.TC.SM.FF"
},
"msg": ""

```

```

}
+++
+++3
get:/cn/v1/getQuestionIdsByModule##获取试题信息
int:module_id=not null#模块ID
string:tag_code=not null#标签
<<<
response
{

```

```

  "code": 200,
  "data": [
    {
      "question_id": 4831
    },
    {
      "question_id": 4830
    },
    {
      "question_id": 4829
    },
    {
      "question_id": 4828
    },
    {
      "question_id": 4826
    }
  ]

```

```

],

```

```

  "msg": ""

```

```

}
+++
+++4
get:/cn/v1/getQuestionById##获取试题详情
*int:question_id=not null#试题ID
<<<
response
{

```

```

"code": 200,
"data": {
  "question_id": 889,
  "type": 1,
  "q_forms": 2,
  "content": "<p>《史记》首创“纪传体”，分为本纪、世家、列传、表、书。其中关于列传内容表述正确的一项是（ &nbsp; &nbsp; &nbsp; &nbsp; ）</p>",
  "options": [
    {
      "key": "A",
      "answer": "<p>记诸侯国和汉代诸侯、勋贵兴亡</p>"
    },
    {
      "key": "B",
      "answer": "<p>记重要人物的言行事迹，主要叙人臣</p>"
    },
    {
      "key": "C",
      "answer": "<p>记历代帝王政绩</p>"
    },
    {
      "key": "D",
      "answer": "<p>记各种典章制度，记礼、乐、音律、历法、天文、封禅、水利、财用</p>"
    }
  ],
  "answer": "B",
  "score": 0,
  "analyze_text": "<p>《史记》中的“列传”主要记录重要人物的言行事迹等等。</p>",
  "analyze_link": "",
  "knowledge_point_url": "",
  "used_type": 1,
  "diffcult": 3,
  "estimates_time": 0,
  "module": [
    1,
    5
  ]
},
"msg": ""

```

```

}
+++
+++5
get:/cn/v1/getQuestionByTopicId##获取试题信息
array:tids=not null#专题ID 是个数组
int:page=not null#页数
*int:pageRows=not null#数量

```

<<<

response

{

```

"code": 200,
"data": {
  "question_rows": 50,
  "question": [
    {
      "question_id": 72,
      "type": 2,
      "q_forms": 1,
      "content": "",
      "options": "",
      "answer": "",
      "score": 0,
      "analyze_text": "",
      "analyze_link": "",
      "knowledge_point_url": "",
      "used_type": 0,
      "diffcult": 3,
      "estimates_time": 0,
      "topic_name": "测试课",
      "topic_id": 15
    },
    {
      "question_id": 219,
      "type": 1,
      "q_forms": 2,
      "content": "",
      "options": "",
      "answer": "B",
      "score": 9,
      "analyze_text": "<p>B：无比喻论证。</p>",
      "analyze_link": "",
      "knowledge_point_url": "",
      "used_type": 0,
      "diffcult": 2,
      "estimates_time": 0,
      "topic_name": "议论文之论证方法",
      "topic_id": 2
    }
  ]
},
"msg": ""

```

}

+++

+++6

get:/cn/v1/getQuestionsByAttribute##获取试题信息

int:module_id=not null#模块ID

本文档使用 [看云](#) 构建

string:difficulty=not null#难度

*string:tag_code=not null#标签

<<<

response

{

```
"code": 200,
"data": [
  {
    "question_id": 193,
    "module": "1",
    "tag_code": "XD.TC.LZ.FF",
    "difficulty": 3
  },
  {
    "question_id": 194,
    "module": "1",
    "tag_code": "XD.TC.LZ.FF",
    "difficulty": 3
  },
  {
    "question_id": 195,
    "module": "1",
    "tag_code": "XD.TC.LZ.FF",
    "difficulty": 3
  }
],
"msg": ""
```

}

+++

+++7

get:/cn/v1/getKnowledgeByCode##获取知识点

*string:knowledge=not null#知识点

<<<

response

{

```
"code": 200,
"data": [
  {
    "tag_name": "2017暑期文言文句式",
    "tag_code": "SQ.WY.JS",
    "knowledge_point_url": "http://media1.classba.cn/cjwywjszsdsp.mp4"
  }
],
"msg": ""
```

```
    }  
  ],  
  "msg": ""
```

```
}
```

```
+++
```

version2.0

+++1

get:/cn/v2/getQuestionsByKnowledge##通过知识点获取试题信息

string:knowledge=not null#知识点

int:module=null#模块

int:used_type=null#用途

int:difficulty=null#难度

*int:level=null#等级

<<<

response

{

```
"code": 200,
"data": [
  {
    "id": 20540,
    "question_type": 1,
    "difficulty": 2,
    "used_type": 1
  },
  {
    "id": 20542,
    "question_type": 1,
    "difficulty": 2,
    "used_type": 1
  },
  {
    "id": 20545,
    "question_type": 2,
    "difficulty": 2,
    "used_type": 1
  }
],
"msg": ""
```

}

+++

+++2

get:/cn/v2/getQuestionsByModule##通过模块获取试题信息

int:module=not null#模块

```

int:difficulty=null#难度
int:level=null#等级
int:used_type=null#用途

```

```
<<<
```

```
response
```

```
{
```

```

"code": 200,
"data": [
  {
    "id": 411,
    "q_type": 1,
    "q_forms": 2,
    "content": "",
    "options": "",
    "answer": "A",
    "score": 0,
    "analyze_text": "<p>按照从一般到个别的逻辑顺序来说明。</p>",
    ,
    "analyze_link": "",
    "knowledge_point_url": "",
    "used_type": 1,
    "difficulty": 3
  },
  {
    "id": 412,
    "q_type": 1,
    "q_forms": 2,
    "content": "",
    "options": "",
    "answer": "B",
    "score": 0,
    "analyze_text": "<p>文章内容理解不正确。</p>",
    "analyze_link": "",
    "knowledge_point_url": "",
    "used_type": 1,
    "difficulty": 3
  },
  {
    "id": 414,
    "q_type": 1,
    "q_forms": 2,
    "content": "",
    "options": "",
    "answer": "C",
    "score": 0,
    "analyze_text": "<p>还介绍了霾的定义和成因。</p>",
    "analyze_link": "",
    "knowledge_point_url": "",
    "used_type": 1,
    "difficulty": 2
  }
]

```

```
    }
  ],
  "msg": ""
```

```
}
```

```
+++
```

```
+++3
```

```
get:/cn/v2/getErrorCodeInfoByErrorCode##获取错因信息
```

```
*string:error_code=not null#错因
```

```
<<<
```

```
response
```

```
{
```

```
  "code": 200,
  "data": {
    "reason_name": "意动用法",
    "code": "A_yd",
    "content": null,
    "video": "http://media1.classba.cn/cyyd.mp4"
  },
  "msg": ""
```

```
}
```

```
+++
```

```
+++4
```

```
get:/cn/v2/getQuestionsByErrorCode##通过错因获取试题
```

```
*string:error_code=not null#错因
```

```
<<<
```

```
response
```

```
{
```

```
  "code": 200,
  "data": [
    {
      "id": 19201,
      "used_type": 1,
      "difficulty": 8
    },
    {
      "id": 19269,
      "used_type": 2,
      "difficulty": 2
    }
  ]
}
```



```

        "q_forms": 2,
        "content": "",
        "options": "",
        "answer": "B",
        "score": 3,
        "analyze_text": "<p>鹦鹉远远的看见了，于是将身子钻进水里
， 沾湿羽毛，飞过森林把水洒在火上。<br/></p><p><br/></p>";
        "analyze_link": "",
        "knowledge_point_url": "",
        "used_type": 0,
        "difficulty": 1
    },
    {
        "id": 21172,
        "q_type": 1,
        "q_forms": 2,
        "content": "",
        "options": "",
        "answer": "B",
        "score": 3,
        "analyze_text": "<p>注意：汝：你。&nbsp; 云：语气词
。</p>";
        "analyze_link": "",
        "knowledge_point_url": "",
        "used_type": 0,
        "difficulty": 1
    },
    {
        "id": 21173,
        "q_type": 1,
        "q_forms": 2,
        "content": "<p>4.对本文的分析不正确的一项是（&nbsp;
&nbsp;）（4分）</p>";
        "options": "",
        "answer": "A",
        "score": 4,
        "analyze_text": "<p style="text-indent: 2em;"
>由“山中禽兽辄相贵重。”可知，山上的飞禽走兽都对它很友善，但鹦鹉有自己的想法，此处
虽然好，却不是自己能久留的地方。</p>";
        "analyze_link": "",
        "knowledge_point_url": "",
        "used_type": 0,
        "difficulty": 1
    }
]
}
],
"msg": ""

}

+++
+++6

```


get:/cn/v2/getQuestionByTitleId##获取题帽题下试题

```
*int:question_title_id=not null#题帽题ID
```

< < <

response

 $\{$ [illegible]

[illegible]

[illegible]

- 36 -

"answer": "<p>作者用词巧妙，许多语句具有表里相关的双重意蕴，如“廿二日天稍和”的“和”字既写天气的暖和，也透露出作者心情的解冻；“而此地适于余近”的“近”不仅指空间距离的相近，也指性情品格的相近。</p>";

"content": "<p>作者用词巧妙，许多语句具有表里相关的双重意蕴，如“廿二日天稍和”的“和”字既写天气的暖和，也透露出作者心情的解冻；“而此地适于余近”的“近”不仅指空间距离的相近，也指性情品格的相近。</p>";

{
 "key": "D",
 "answer": "<p>文章卒章显志，“未不能以游堕事，潇然于山石草木之间者，惟此官也。”一句透露出作者独特的个性与性情，“潇然”表达他对自己能够纵情遨游、享受自然的满足之感，“惟”字则表明他对自己官小职闲的嫌弃。</p>";
 "content": "<p>文章卒章显志，“未不能以游堕事，潇然于山石草木之间者，惟此官也。”一句透露出作者独特的个性与性情，“潇然”表达他对自己能够纵情遨游、享受自然的满足之感，“惟”字则表明他对自己官小职闲的嫌弃。</p>";
}

],
 "answer": "B",
 "score": 4,
 "analyze_text": "<p>“他对自己官小职闲的嫌弃”错误，应该是：他庆幸自己的官职是个闲职，不怕耽误公事，因而有时间纵情遨游，表达了作者厌弃喧嚣尘俗的城市生活，寄意于山川草木的潇洒情怀。）</p>";
 "analyze_link": "",
 "knowledge_point_url": "",
 "estimates_time": 0,
 "used_type": 0,
 "diffcult": 2,
 "module": null,
 "reason": [],
 "factors": []
}
}
},
"msg": ""

```
}
+++
+++7
get:/cn/v2/getQuestionById##获取试题信息
*int:question_id=not null#试题ID
<<<
response
{
```

```
"code": 200,
"data": {
  "question_id": 889,
  "question_title_id": 0,
  "type": 1,
```

```

"q_forms": 2,
"content": "<p>《史记》首创“纪传体”，分为本纪、世家、列传、表、书。其中关于列传内容表述正确的一项是（ &nbsp; &nbsp; &nbsp; &nbsp; ）</p>",
"options": [
    {
        "key": "A",
        "answer": "<p>记诸侯国和汉代诸侯、勋贵兴亡</p>",
        "content": ""
    },
    {
        "key": "B",
        "answer": "<p>记重要人物的言行事迹，主要叙人臣</p>",
        "content": ""
    },
    {
        "key": "C",
        "answer": "<p>记历代帝王政绩</p>",
        "content": ""
    },
    {
        "key": "D",
        "answer": "<p>记各种典章制度，记礼、乐、音律、历法、天文、封禅、水利、财用</p>",
        "content": ""
    }
],
"answer": "B",
"score": 0,
"analyze_text": "<p>《史记》中的“列传”主要记录重要人物的言行事迹等等。</p>",
"analyze_link": "",
"knowledge_point_url": "",
"used_type": 1,
"diffcult": 3,
"estimates_time": 0,
"tag_code": null,
"tag_value": null,
"question_title": [],
"reason": [],
"factors": []
},
"msg": ""
}
+++

```

物理

生产域名: qb-api.91xedu.com

测试域名: dev-qb-api.91xedu.com

路径: phy/版本号/方法

version1.0

+++1

get:/phy/v1/getQuestionsByKnowledge##通过知识点获取试题

string:knowledge=not null#知识点

int:module=null#模块

int:used_type=null#用途

int:difficulty=null#难度

<<<

response

{

```
"code": 200,
"data": [
  {
    "id": "97191703093444980",
    "question_type": 1,
    "difficulty": "6",
    "used_type": 2
  },
  {
    "id": "97191703093445001",
    "question_type": 1,
    "difficulty": "4",
    "used_type": 2
  }
],
"msg": ""
```

}

+++

+++2

get:/phy/v1/getKnowledgeByCode##获取知识点信息

*string:knowledge=not null#知识点code

<<<

response

{

```
"code": 200,
```



```

"data": [
  {
    "knowledge_id": "97107497508143152",
    "name": "力的表示",
    "knowledge_video": [
      {
        "description": "基础",
        "video_url": "http://media1.classba.cn/wl_lx_l_04.mp4",
        "image_url": "http://uploads.classba.cn/jichushipin.png"
      }
    ],
    "code": "wl_lx_l_s004"
  }
],
"msg": ""

```

```

}

```

```

+++

```

```

+++3

```

```

get:/phy/v1/getQuestionsByErrorCode##通过错因获取试题

```

```

*string:error_code=not null#错因

```

```

<<<

```

```

response

```

```

{

```

```

"code": 200,
"data": [
  {
    "id": "97187529375089568",
    "difficulty": "6"
  },
  {
    "id": "97187529375089568",
    "difficulty": "6"
  },
  {
    "id": "97189236473594376",
    "difficulty": "3"
  },
  {
    "id": "78c9385a-56ab-11e7-8fa7-00163e1004d0",
    "difficulty": "2"
  },
  {
    "id": "97191703093445484",
    "difficulty": "4"
  }
],
"msg": ""

```

```

}
+++
+++4
get:/phy/v1/getErrorcodeInfoByErrorcode##通过知识点获取错因信息
*string:error_code=not null#错因
<<<
response
{

```

```

    "code": 200,
    "data": {
        "reason_id": 52,
        "name": "重力与质量成正比",
        "content": "物体的重力与质量成正比，但物体的质量与重力无关，质量是物体本身的属性",
        "code": "52",
        "audio": "",
        "video": ""
    },
    "msg": ""

```

```

}
+++
+++5
get:/phy/v1/getQuestionIdsByModule##通过模块获取试题ID
int:module_id=not null#模块
int:limit=null#
*int:offset=null#
<<<
response
{

```

```

    "code": 200,
    "data": [
        {
            "id": "f917189f-5492-11e7-8c70-00163e1004d0",
            "q_type": "RADIO",
            "serial_number": "126w1_lx_l_s007_4",
            "content": "<p>(2015秋•瑶海区期末) 一个球形物体O静止放在水平地面上，并与竖直墙相接触，A、B两点是球与墙和地面的接触点，则下列说法正确的是（ ）</p><p>A点一定有弹力作用&lt;/p>\","answer\\":\\"&lt;p>A点一定有弹力作用&lt;/p>\","key\\":\\"A\\"},{\\"content\\":\\"&lt;p>B点一定有弹力作用&lt;/p>\","answer\\":\\"&lt;p>B点一定有弹力作用&lt;/p>\","key\\":\\"B\\"},{\\"content\\":\\"&lt;p>A、B两点一定都有弹力作用&lt;/p>\","answer\\":\\"&lt;p>A、B两点一定都有弹力作用&lt;/p>\","key\\":\\"C\\"},{\\"content\\":\\"&lt;p>A、B两点都没有弹力作用&lt;/p>\","answer\\":\\"&lt;p>A、B两点都没有弹力作用&lt;/p>\","key\\":\\"D\\"}]",
    "answer": "B",
    "analyze": "[{\\"title\\":\\"\\",\\"content\\":[{\\"content\\":\\"解：物体与A、B两点都接触，与B点发生挤压而产生弹性形变，与A点没有发生挤压从而不产生弹性形变，所以只有B点产生弹力作用。&lt;/p> &lt;p>故选B。&lt;/p>"}]]",
    "method_num": "1"
},
{
    "id": "f91c41cb-5492-11e7-8c70-00163e1004d0",
    "q_type": "RADIO",
    "serial_number": "126w1_lx_1_s007_5",
    "content": "&lt;p>(2016•枣庄)如图所示，一根弹簧，一端固定在竖直墙上，在弹性限度内用手水平向右拉伸弹簧的另一端，下列有关“弹簧形变产生的力”的描述正确的是（ ）&lt;/p> &lt;p>&lt;img width=123 height=47 id=&quot;图片 33&quot; src=&quot;http://file1.classba.cn/126w1_lx_1_s007.files/image006.png&q uot;&gt;&lt;/p>",
    "options": "[{\\"content\\":\\"&lt;p>手对弹簧的拉力&lt;/p>\","answer\\":\\"&lt;p>手对弹簧的拉力&lt;/p>\","key\\":\\"A\\"},{\\"content\\":\\"&lt;p>弹簧对手的拉力&lt;/p>\","answer\\":\\"&lt;p>弹簧对手的拉力&lt;/p>\","key\\":\\"B\\"},{\\"content\\":\\"&lt;p>墙对弹簧的拉力&lt;/p>\","answer\\":\\"&lt;p>墙对弹簧的拉力&lt;/p>\","key\\":\\"C\\"},{\\"content\\":\\"&lt;p>以上说法都不正确&lt;/p>\","answer\\":\\"&lt;p>以上说法都不正 确&lt;/p>\","key\\":\\"D\\"}]",
    "answer": "B",
    "analyze": "[{\\"title\\":\\"\\",\\"content\\":[{\\"content\\":\\"解：弹簧形变产生的力，即弹簧的弹力，施力物体为弹簧，因为是手拉弹簧，所以弹簧发生形变，产生的是对手的拉力。故ACD错误、B正确。&lt;/p> &lt;p>故选：B。&lt;/p>}]]",
    "method_num": "1"
},
{
    "id": "f9222b5d-5492-11e7-8c70-00163e1004d0",
    "q_type": "RADIO",
    "serial_number": "126w1_lx_1_s007_6",
    "content": "&lt;p>(2016秋•槐荫区期末)在图中，A、B两球相互间一定有弹 力作用的图是（ ）&lt;/p>",
    "options": "[{\\"content\\":\\"&lt;p>&lt;img width=97 height=109 id=&quot;图片 34&quot; src=&quot;http://file1.classba.cn/126w1_lx_1_s007.f iles/image007.png&quot;&gt;&lt;/p>\","answer\\":\\"&lt;p>&lt;img wid th=97 height=109 id=&quot;图片 34&quot; src=&quot;http://file1.classba.cn/ 126w1_lx_1_s007.files/image007.png&quot;&gt;&lt;/p>\","key\\":\\"A\\"},{ \\"content\\":\\"&lt;p>&lt;img width=101 height=106 id=&quot;图片 35&quot; src=&quot;http://file1.classba.cn/126w1_lx_1_s007.files/image008.png&quo t;&gt; &lt;p>\","answer\\":\\"&lt;p>&lt;img width=101 height=106 id =&quot;图片 35&quot; src=&quot;http://file1.classba.cn/126w1_lx_1_s007.fil es/image008.png&quot;&gt; &lt;p>\","key\\":\\"B\\"},{\\"content\\":\\"&lt; p>&lt;img width=106 height=78 id=&quot;图片 36&quot; src=&quot;http://f

```

```

file1.classba.cn/126wl_lx_l_s007.files/image009.png"></p>\",
\"answer\": \"<p>\", \"key\": \"C\"}, {\"content\": \"<p>\", \"answer\": \"<p>
<p>\", \"key
\": \"D\"}]]\",
  \"answer\": \"B\",
  \"analyze\": \"[{\"title\": \"\", \"content\": [{\"content\": \"解：
弹力的产生必须满足两个条件：相互接触且发生弹性形变. <p> <p>由图可知：
A、C中两个小球都相互接触，但它们之间并没有相互挤压的作用，也就不能发生弹性形变，从而不能产生弹力. <p> <p>D无法确定两个小球之间到底有没有挤压作用，所以也就无法确定有没有弹力. <p> <p>B中，两个小球所受的重力与绳子的拉力不是一对平衡力，所以这两个小球都受到了对方的力的作用，从而发生弹性形变产生弹力. <p>
<p>故选 B. <p> <p>\"}]}}\",
  \"method_num\": \"1\"
}
],
\"msg\": \"\"

```

```

}
+++
+++6
get:/phy/v1/getQuestionById##获取试题
*int:question_id=not null#试题ID
<<<
response
{

```

```

  \"code\": 200,
  \"data\": {
    \"id\": \"f917189f-5492-11e7-8c70-00163e1004d0\",
    \"q_type\": 1,
    \"serial_number\": \"126wl_lx_l_s007_4\",
    \"content\": \"<p>（2015秋•瑶海区期末）一个球形物体O静止放在水平地面上，并与竖直墙相接触，A、B两点是球与墙和地面的接触点，则下列说法正确的是（ ）</p> <p><img width=118 height=103 id=\\\"图片 10\\\" src=\\\"http://file1.classba.cn/126wl_lx_l_s007.files/image005.png\\\"></p> <p></p>\",
    \"options\": [
      {
        \"content\": \"<p>A点一定有弹力作用<p>\",
        \"answer\": \"<p>A点一定有弹力作用<p>\",
        \"key\": \"A\"
      },
      {
        \"content\": \"<p>B点一定有弹力作用<p>\",
        \"answer\": \"<p>B点一定有弹力作用<p>\",

```

```

      "key": "B"
    },
    {
      "content": "&lt;p&gt;A、B两点一定都有弹力作用&lt;/p&gt;",
      "answer": "&lt;p&gt;A、B两点一定都有弹力作用&lt;/p&gt;",
      "key": "C"
    },
    {
      "content": "&lt;p&gt;A、B两点都没有弹力作用&lt;/p&gt;",
      "answer": "&lt;p&gt;A、B两点都没有弹力作用&lt;/p&gt;",
      "key": "D"
    }
  ],
  "answer": "B",
  "analyze": [
    {
      "title": "",
      "content": [
        {
          "content": "解： 物体与A、B两点都接触，与B点发生挤压而产生弹性形变，与A点没有发生挤压从而不产生弹性形变，所以只有B点产生弹力作用。 &lt;/p&gt;&lt;p&gt;故选B。 &lt;/p&gt;  &lt;p&gt;"
        }
      ]
    }
  ],
  "method_num": "1",
  "answer_editor": "B",
  "answer_base64": "B",
  "video_url": "",
  "prompt": [
    "弹力产生的条件",
    "两个物体需要相互接触，还要发生弹性形变"
  ],
  "estimates_time": 0,
  "module": 1,
  "used_type": 1,
  "difficulty": "4",
  "factors": [],
  "knowledge": [
    {
      "code": "w1_lx_1_s007",
      "name": "弹力"
    }
  ],
  "reason": {
    "err_option_A": {
      "err_code": "31",
      "err_name": "产生弹力的条件"
    },
    "err_option_C": {
      "err_code": "31",
      "err_name": "产生弹力的条件"
    },
    "err_option_D": {
      "err_code": "31",

```

```

        "err_name": "产生弹力的条件"
    }
    },
    "msg": ""

```

```

}

```

```

+++

```

```

+++7

```

```

get:/phy/v1/getQuestionsByModuleNew##通过模块获取试题

```

```

int:module=not null#模块

```

```

strig:knowledge=null#知识点

```

```

*int:used_type=null#用途

```

```

<<<

```

```

response

```

```

{

```

```

    "code": 200,
    "data": [
        {
            "id": "97191703093444980",
            "difficulty": "6",
            "used_type": 2
        },
        {
            "id": "97191703093445001",
            "difficulty": "4",
            "used_type": 2
        }
    ],
    "msg": ""

```

```

}

```

```

+++

```

```

+++8

```

```

get:/phy/v1/getQuestionsByModule##通过模块获取试题

```

```

int:module=not null#模块

```

```

strig:knowledge=null#知识点

```

```

*int:used_type=null#用途

```

```

<<<

```

```

response

```

```
{  
  
  "code": 200,  
  "data": [  
    {  
      "id": "97191703093444980",  
      "difficulty": "6",  
      "used_type": 2  
    },  
    {  
      "id": "97191703093445001",  
      "difficulty": "4",  
      "used_type": 2  
    }  
  ],  
  "msg": ""  
  
}  
+++
```